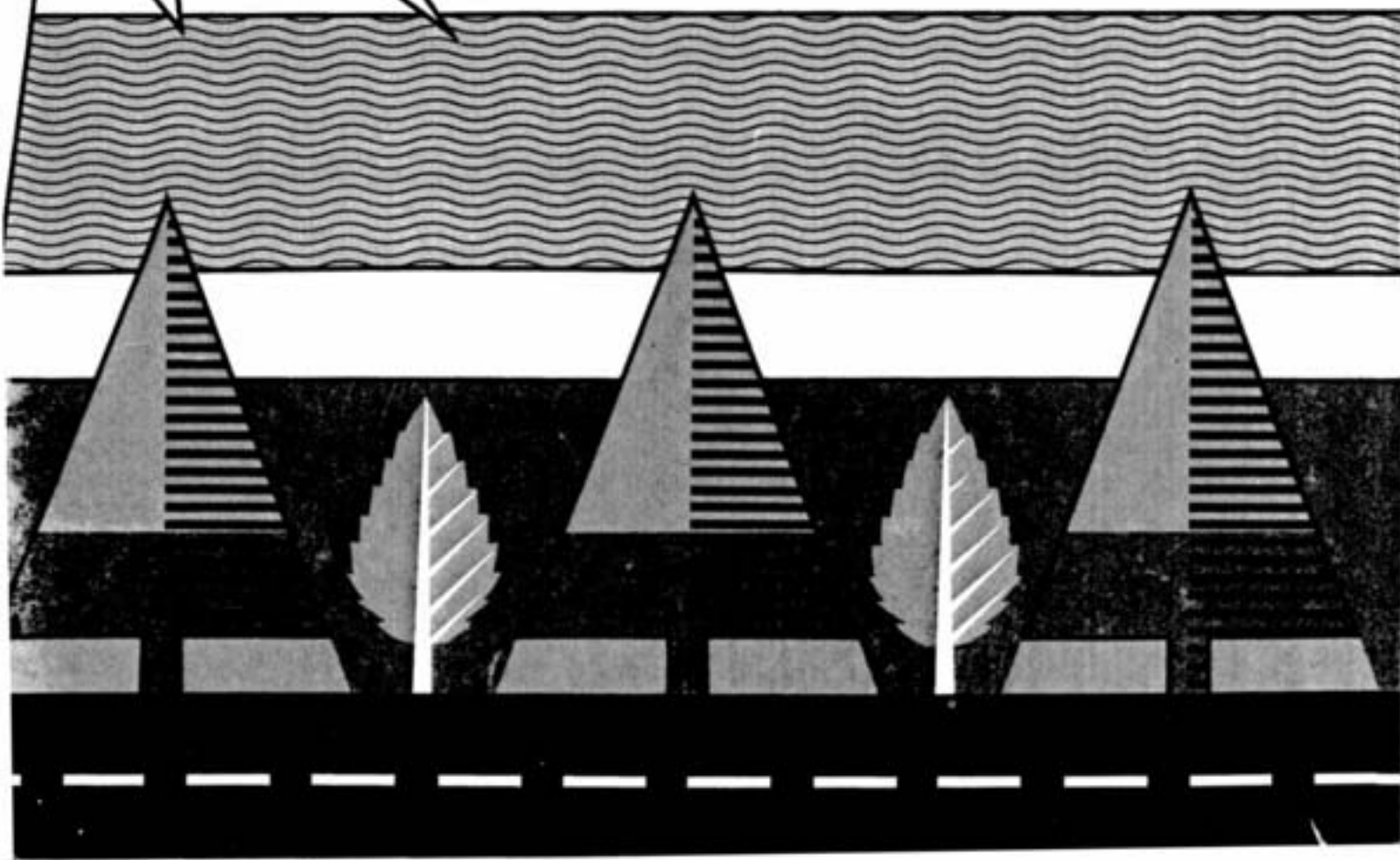




the triangle

AUGUST 1973



the triangle

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On the cover . . .

The colourful abstract artwork is the creation of talented public affairs department graphics co-ordinator Orest Andrews. The true artist that he is, Orest explained that he wasn't about to tell anybody what the message was. "Let's leave it to the eye of the beholder—some will see some things, others something entirely different." For sure, the composition embraces just about everything that adds up to summer fun in the great outdoors. Coming as it does on the eve of the three-week shutdown, it hopefully embraces the activities of many who are or who will soon be enjoying well-deserved and carefree vacations.

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First shipment of nickel pellets

Shipments of high-purity nickel products have begun to roll from the new Copper Cliff nickel refinery. The first commercial delivery, consisting of 25,000 pounds of pellets, was to the Industrial Chemical

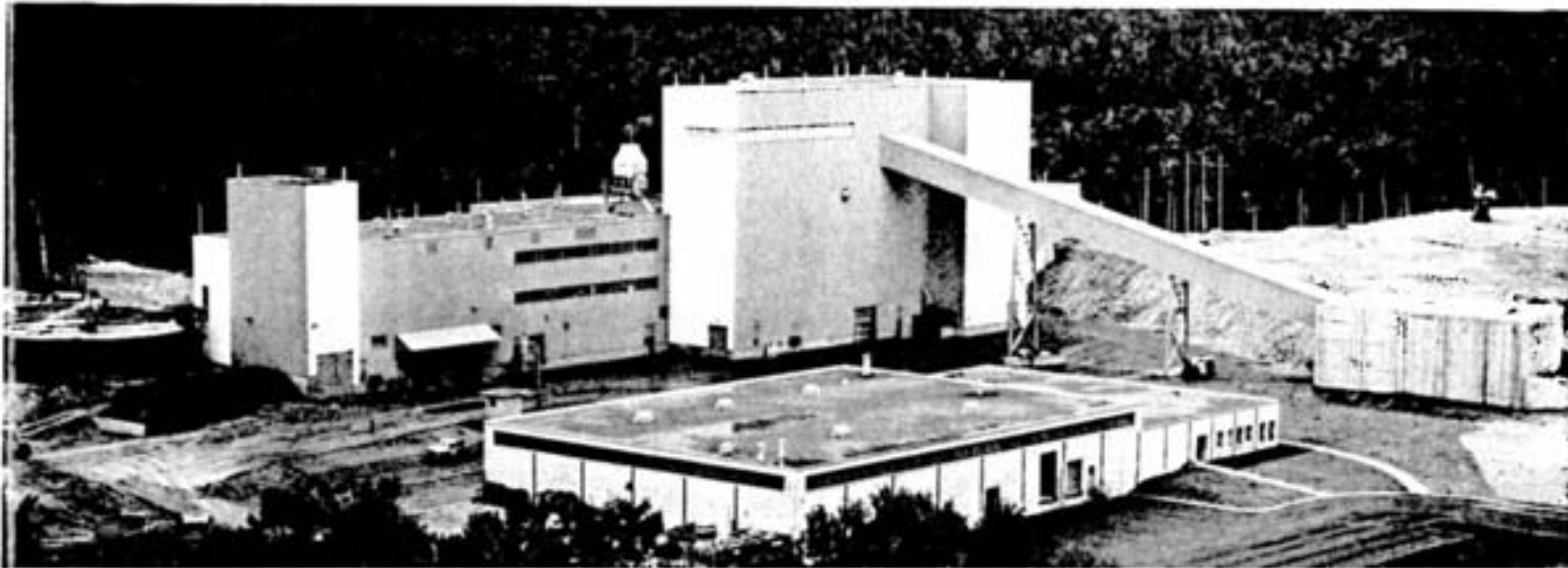
division of Allied Chemical Corp. in Buffalo, N.Y. The highly automated facility has an annual production capacity of 100-million pounds of nickel pellets and 25-million pounds of nickel powders.



The honors of loading the first shipment of pellets went to Bob Bray, Samih Maussa, packing and shipping foreman Jack VanDelden and lift truck operator Ron Fletcher.



While in Huntington, W.Va., to address the Quarter Century Club meeting of the Huntington Alloy Products Division, John McCreedy, Senior Vice-President, Inco Canada, visited the Division's Refinery Department to watch some high-purity pellets from the new nickel refinery at Copper Cliff being charged into electric furnaces for the production of high-grade nickel alloys. With John McCreedy are pensioner Tony Mieski and Robert W. Simmons, President, Huntington Alloy Products Division.



The Shebandowan mill and administration building. Feeding the mill, the housed conveyor on the right moves ore along an inclined ramp from the 400-foot level of the mine, about half a mile away.

Shebandowan mine and mill opened

The company's 15,000 tons-per-week mine and mill complex at Shebandowan in northwestern Ontario was officially opened on June 28 by the Honourable Leo Bernier, Ontario's Minister of Natural Resources. Mr. Bernier threw a switch to begin the transfer of ore from the 400-foot level of the mine to the mill by inclined conveyor.

Located about 60 miles west of Thunder Bay on Lower Shebandowan Lake, the project was begun with the sinking of an exploration shaft seven years ago. When finishing touches have been completed, some \$50 million will have been spent on the project.

The project incorporates the latest environmental safeguards, including some that are believed to be unique in the industry. The underground ore bin and conveyor from the 400-foot level eliminate the possibility of excessive noise associated with surface ore handling. Mine water is clarified underground in a process proven effective at other Inco mines, and the mill uses only recycled water in its processes by working in closed circuit with its tailings area.

Some 3,000 tons of concentrate are produced at Shebandowan each week for transportation to the company's Copper Cliff, Ontario smelter for further processing.



About 100 invited guests attended the opening ceremonies including representatives from municipal, provincial and federal governments, local business, the Shebandowan Campers Association, and the news media.

About 100 invited guests attended the ceremonies representing municipal, provincial and federal governments, local business, The Shebandowan Campers Association, and the news media. John McCreedy, senior vice-president of International Nickel, Ron Taylor, president of the company's Ontario Division, Gar Green, the Division's vice-president of mining and milling, and George W. Johnston, manager of the complex welcomed the guests and accompanied the official party on a tour of the mine and mill.

Public tours of surface facilities were offered following the official opening.

Environment protected

The efforts of the company to develop a nickel mining and milling complex with minimal impact on its surroundings have extended even to its landscaping policy.

There is little formal landscaping at the site because the area is intended to reflect the natural state of the environment in northwestern Ontario. However, a two-year program costing about \$200,000 will see 9,000 forestry seedlings and 300 five-year old trees planted on the perimeter of the operation to reinforce the natural forest cover, leaving only the mine's headframe visible from the pleasure boats that dot Southwest Bay each summer.



Undaunted by a sudden shower, invited guests leave the shelter of chartered buses to begin a tour of the mill.

Apart from an area of less than half an acre, which has been sodded with Merion and Kentucky Blue grasses, the grounds will be maintenance-free; totally natural. Shrubs and the 1,800 square yards of sod in the office area constitute the only formal landscaping on the site.

In addition, 20 acres of open area have been hydro-seeded with a mixture of grasses to stabilize the soil, and trans-

planting of the trees will begin next spring. Birch and poplar will be predominant in the 300 young trees to be planted, because of their fast-growing characteristics. Some spruce saplings will also be planted, and those varieties, plus willows, will be among the seedlings.

The program is under the direction of Tom Peters, agriculturist with International Nickel's Ontario Division.



Ron Taylor, president of Inco's Ontario division, was available for comment to the news media.

The Honourable Leo Bernier, Ontario's Minister of Natural Resources, officially opened the complex by throwing a switch activating the inclined conveyor.





"On deck", and ready to take the cage to the 1000 level of the mine, members of the Shebandowan town roads board talking with topman Hans Erl are: Eileen and David Jack, Dorothy Sweden and Janette Lalier.



During the tour of the mill, administration superintendent Alex McCuaig explains the function of flotation cells.



Senior vice-president of Inco, John McCreedy explains mining methods during the underground tour.



Backgrounded by the mine's headframe, complex manager George Johnston and media representative Bob Tyre talk with John Anderson (right), a prospector who at one time held claims on the property.



On the 2160 level of the mine, visitors examine ore on the conveyor that carries the mine's production to the underground storage bin.

Safety Co-op latest angle



Using a chalk diagram Copper Cliff smelter foreman Doug Naykalyk explains the details of an accident on M floor when a tripper wheel ran over Gene Auger's foot. Among the points stressed was the value of wearing protective equipment, in this case metatarsal guards, which undoubtedly prevented a very serious injury. Interested participants in this discussion are Joe Pilon and Cyril Young on the left and Don Theriault, Steve Arbour, Alex Commando and Emirland Lajeunesse on the right.



Gene Auger is saying a silent thank you to his metatarsal guard with the mark of the tripper wheel plainly visible. Without the guard his toes would have been severely crushed, if not amputated.

Safety is a constant challenge. Around the Inco circuit new and different approaches to improve the type, style and effectiveness of safety programs are introduced quite regularly.

One of the latest is a cooperative form of safety meeting held twice weekly by the furnaces department at the Copper Cliff smelter reverb safety school. Since last February, when the program was introduced, those involved have been honing and refining it until today it looks like a real winner.

The main objective is to involve the man on the job with the problem of safety on the job. And who can better appreciate and suggest safety improvements than the man actually doing the job?

Reverb safety schoolmaster Herb Eastwood has charge of the program. He provides the background information including slides, diagrams and other visual aids as required.

At each meeting about a dozen men from the furnaces attend school along

with a foreman who briefly reviews any recent accidents in that area. The men then discuss the accident and, with the foreman, analyze the cause and suggest corrective measures to prevent a recurrence.

In cases where disregard of safety regulations is the issue, the men come to appreciate the fact that rules and regulations are designed for their benefit and protection.

One of the age-old basic safety hurdles is resistance to set standards. With this new approach, in which the men themselves have an active role in setting the standards, it is hoped that resistance will be reduced.

Many suggestions for preventing accidents are offered quite naturally, after the fact. It is hoped that the cooperative safety meetings will spark recommendations that will prevent accidents from happening. That is the true essence of good safety and the goal of Inco's total accident control program.



A small, but growing, family demands the spare time of Steve Despot, an assistant chief inspector in the tankhouse at the Copper Refinery. Steve and Anna boast a perfectly balanced family. Steve Jr., who is two years old, and Sandra, a jolly 11 months. Steve came to Canada from Yugoslavia in 1960, and started at the Copper Refinery in 1964. His brother, Bill, works in the Copper Cliff smelter.

Family Album

Creighton mine foreman Stan Miller just bought a camper trailer, but he's still staying pretty close to home. Stan coaches the Cardinals, a minor baseball team on which two of his sons play. Larry, 11, and Ronnie, 9, are the sports-minded pair, while Allan, 13, and Jo Anne, 15, pay more attention to music. Rita is kept busy looking after the youngest, Darren, who is 4. Stan started at Creighton in 1946.



This is the bright-eyed family of Harvey and Bernie Eaton. Circling clockwise, the youngsters are Mary Lynn, 5, Kevin, 14, Bruce, 11, and Nancy, 7. An electrician at the Copper Cliff South mine, Harvey holds a pilot's licence, and is one of a group that owns a 'plane.



Representing the Port Colborne nickel refinery are Gerard and Huguette Longval with Alain, 16, Gerard Jr., 10, Michel, 8 and Christine, 7. Looking after his large apartment house in nearby Crystal Beach keeps Gerry out of trouble. Gerry joined Inco in 1947 and is now head anode scrap washer in the electrolytic department.



Puppets and pop kept the younger set happy. (Below) Paul Sabourin, whose dad Roger works at Levack, displays some fine Indian crafts on exhibit. Sales ladies are Margaret Shawanda from the Whitelash Reserve on Birch Island and Gertrude Eshkawkogaw from Wickwemicong on Manitoulin Island.



Jean Smith, vice-president of the Sudbury Basin Potters, guides young Colleen Strong's hands in her first attempt. Tommy Miraully and Marilyn Miraully, whose husband Ken is a driller at Levack mine, test the clay.



Alf Kaelas is more familiar with a Brown Boveri blower than this potter's work being shown by his wife Fran. She is treasurer of the Sudbury Basin Potters and active in this art form. Alf is superintendent of mechanical utilities for Inco in the Sudbury district.

Seventh Annual



George Heale demonstrates the art of lapidary as he shows daughter Ellen and young John-Paul an agate he has cut and polished. George works in the machine shop at Copper Cliff.



Gwen Ross specializes in the making of masks. Her husband Pete is an electrician at Stobie.



The seventh annual Sudbury Craft Foundation arts festival, held in the Sudbury Arena in June presented a great variety of crafts. Many of the artists featured working craft demonstrations. And very interesting it was, too.

Sculpture, painting, printmaking, spinning, puppetry, weaving, sewing, ceramics, metalworking, candlemaking, flower arranging, East Indian beading — you name it and someone was doing it. Fascinating.

The Sudbury Craft Foundation embraces four local groups, the Sudbury Basin Potters, the Sudbury and District Weavers' Guild, the Sudbury Arts and Crafts Club and the Independents. It acts as a coordinating and liaison body for them.

This year's festival was one of the best, an opinion shared by artists and public alike. Many Inco employees and families are active members of the various groups. Some of their work is shown in the accompanying pictures.

Despite poor weather (which switched locale from Memorial Park to the arena) the festival was well attended and the



Hermine Smatlanek with one of her unusual masks. Hermine's father Stephen (now deceased) at one time did art work for our safety department.



Ingrid Goebel demonstrates the almost lost art of the spinning wheel to David and Ted Latreille, Copper Cliff nickel refinery materials co-ordinator. The raw material here is dog hair from a collie.

Arts Festival

large crowd was obviously pleased with the calibre and variety of art forms displayed. They also enjoyed a colorful extra in the form of a band of strolling minstrels.

Funds raised at the festival are channelled through the Foundation to the member groups to assist in their development and expansion.

All four groups welcome new members, so if you're looking for an outlet for your talents (and you don't have to be that artistic), or would like to try something creative with your hands, contact any of these groups and you'll be made welcome.

Sudbury Arts and Crafts —
Pauline Melhorn, 682-2572

Sudbury Basin Potters —
Edith Pierce, 674-5810

Sudbury District Weavers' Guild —
Ingrid Goebel, 674-9136

The Independents —
Ernest Blaschke, 692-5960
or

Sudbury Craft Foundation —
Mary Jane Christakos, 673-6816

This lovely model is Elaine Tweedle whose dad is Frodo stope leader Stan Hall. The artist is Ingrid Udeschini whose husband Adrio is a mechanic at Copper Cliff North mine. Ingrid is making a chalk pastel portrait.



The potter's wheel. Young artists absorb instructor Pat Brown's direction. David Pierini is all set to start moulding with Coleen a contender the moment he relinquishes it.





The Copper Cliff museum in its fine new setting alongside the cairn marking the location of the first house built in Copper Cliff in 1885.

Copper Cliff museum new attraction to town

The opening of the Copper Cliff Museum, coinciding as it did with the official arrival of summer, was enhanced by a beautiful day and the display was enjoyed by many interested visitors.

The very real concern with living history shown by many younger people today is another indication that the "now" generation has a well developed sense of values.

The idea for the museum germinated last summer when Lisa Melhorn noticed workmen preparing to move one of the few remaining original log houses from Copper Cliff's Clarabelle Road.

Gathering five equally enthusiastic young friends together, they approached the town of Copper Cliff and the company with their idea of creating a local museum, starting with the log house. They also applied for a LIP grant and with an affirmative response from all sources they set to work.

The town of Copper Cliff moved the house to its present location, the site of the first house built in the town by the Canadian Copper Company back in 1885.



In a 1901 Eaton's catalogue Lisa points out the ad for a wool carder similar to that held by Karl, Brenda and Teresa are interested spectators.

The group then stripped the house down to the original logs and with help from the company the original beams were boxed, shutters installed and required repairs made, keeping in mind the vintage concerned.

Next came the more difficult task, gathering the artifacts and other memorabilia of the period concerned, which the group set as between 1895 and 1905. The log house was built around 1891, the same year the first baseball team was organized in town.

With typical youthful enthusiasm they begged, borrowed and bought a very creditable array of household articles typical of that period along with a quantity of pictures depicting people and scenes of the times. A visit to this log house evokes a twinge of nostalgia in the more mature and a sense of fascination in the young.

For the opening our young friends Steve Johnson, Karl Wittmer, Brenda Longfellow, Teresa Condari and secretary of the group Sandra Maloney along with Lisa, prepared a unique chronicle of earlier times in Copper Cliff. Titled the "Cartoon Chronicle of Copper Cliff" it records in rhyme and caricature many of the major milestones together with some fascinating gossip.



This is how the corner of Copper Cliff's Granite and Serpentine Streets looked in 1892. On the Clarabelle Road the one-year old log cabin destined to become Copper Cliff's museum is marked with an arrow.

Some examples: the first temperance society was established in 1895; electric lights installed in 1894; the brass band was organized in 1894; the Bank of Toronto opened on Serpentine Street in 1900 and stewing beef was five cents a pound!

Copies of this interesting chronicle may be purchased at the museum for 25 cents per copy.

A very fine effort this and a credit to a group of young people with ideas, initiative and a sense of responsibility.



Alex Mossey was a particularly interested visitor to the museum, and with good reason; he had lived in that house back in 1930. A patternmaker for many years at Copper Cliff before his retirement, Alex is seen here examining an old wooden plane in use about 75 years ago.

This is Copper Cliff's first house built by the Canadian Copper company in 1885 on the spot now occupied by the museum.



Time's up for time clocks

Roy Johnson will likely never punch another time clock at the smelter in Copper Cliff and shortly neither will the 2,300 other men who work in the operating and maintenance departments.

Roy was the last man to use the time clock before it was removed from the furnace and converter departments recently. The intent is to remove time clocks from the other Inco surface plants in the Sudbury district as soon as is practical. An "In-Out" tag board will replace the time clocks.

Also being introduced is a flexible shift change system that allows some men to relieve fellow employees on duty, up to half an hour before the regular end of a shift. This method should vary the flow of men leaving the plant, and prevent congestions in the changehouses and on the highways.

"The time clock was a mechanical way of keeping record of an employee's attendance", explained Albert Magee of industrial engineering. "Without them we rely on the employees' sense of responsibility". Some employees have already labelled it "the honour system".

The removal of the time clocks in the smelter comes as a result of a study begun in January, 1973, and the procedure is now under study for the mines



Last man to use the time clock in the Copper Cliff smelter furnace and converter department, Roy Johnson, is escorted to the clock for the ceremonial "punch" by shift boss Gord Miller and Sil Merla, manager of the smelter.

department. Neither the Clarabelle mill nor the Copper Cliff Nickel Refinery, both

of which were built recently, have ever used time clocks.

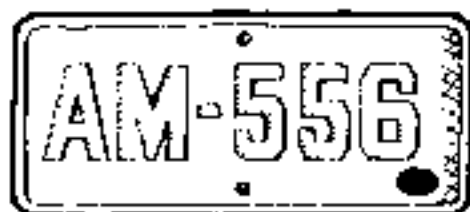


INCO Japan visits I.O.R.P.

Dai Kobayashi, technical director of International Nickel (Japan), Limited, inspects iron ore pellets with Mike Sopko, manager of International Nickel's Iron Ore Recovery Plant at Copper Cliff. At work on the roaster kiln building control panel is George Scott.



Add sparkle to your trip with fourteen family-fun travel games that'll keep interests and spirits high.



LICENCE NUMBERS

Copy down numbers from a series of licence plates, then try to spell words with them. One and two-digit numbers up to 26 corresponded to letters in the alphabet.

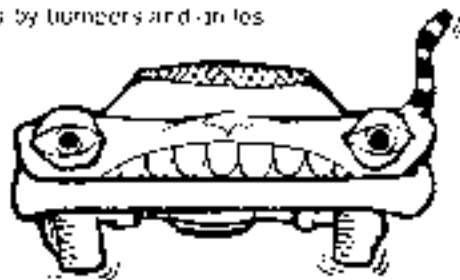
THE MINISTER'S CAT

Take turns in describing the minister's cat with adjectives, beginning with those that start with 'A'. Any player who can't come up with a word is out of the game. The winner is the person who never loses a turn. Try other letters in the alphabet as well.



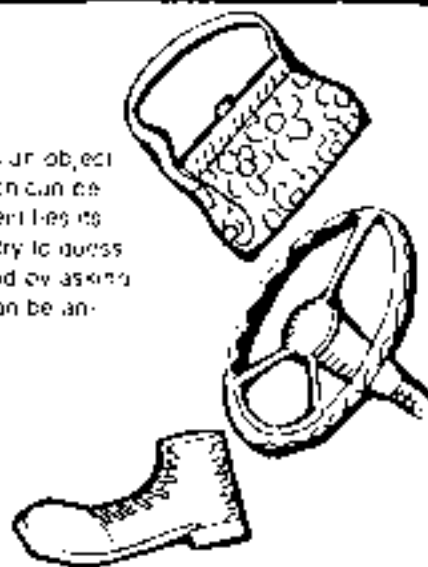
NEXT CAR

Guess what the next car you meet will be. Each of you decide on what the make, color, number of passengers, etc. Vary the game by having each person, in turn, make up a story about the next car. You can talk of where the people are going, who they are, and where they are from. Discuss expressions which appear to be formed on the fronts of cars by bumpers and mirrors.



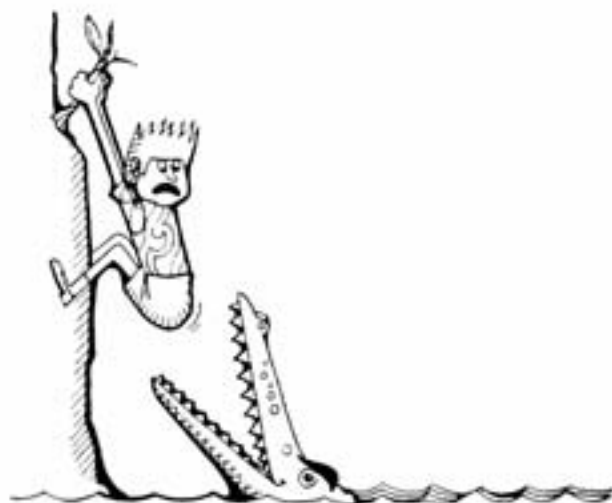
I SPY

One player selects an object inside the car which can be seen by all and identifies its color. The others try to guess what he had in mind by asking questions which can be answered Yes or No.



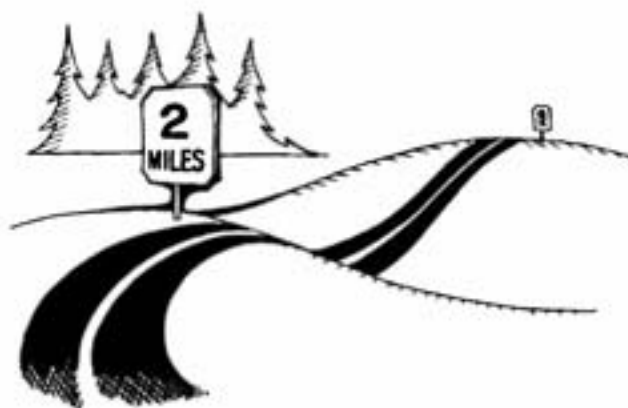
TO BE CONTINUED

One person begins a story, which may be about anything at all. After a few minutes he stops in mid-sentence and the next person takes over where he left off. Naturally, the most fun results when the hero is left in a perilous position.



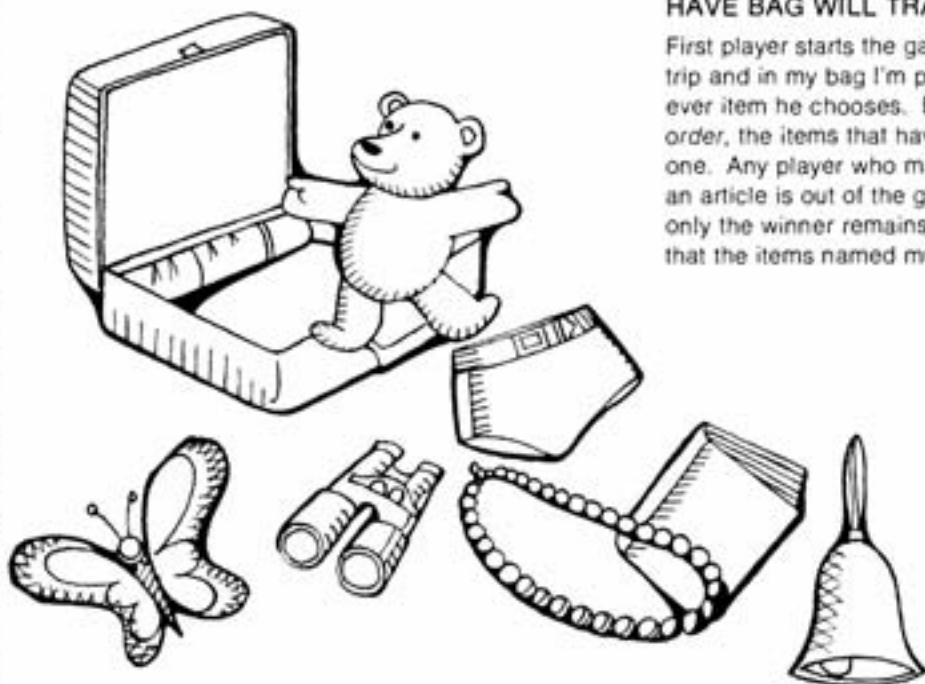
HOW LONG IS A MILE?

Each person keeps quiet until he thinks the car has traveled for exactly one mile. Then he calls out "Mile!" The one who comes the closest wins.



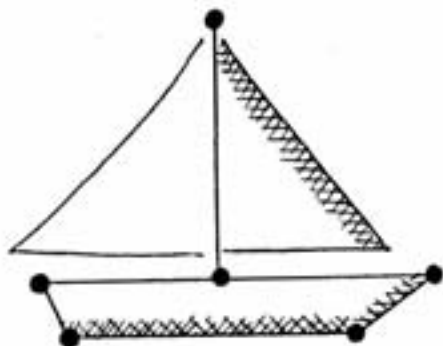
HAVE BAG WILL TRAVEL

First player starts the game by saying, "I'm taking a trip and in my bag I'm packing an umbrella" or whatever item he chooses. Each player must repeat, in order, the items that have gone before and add a new one. Any player who makes a mistake or can't name an article is out of the game. Play continues until only the winner remains. Vary the game by declaring that the items named must be in alphabetical order.



SPOT DOTS

Have a player close his eyes and make six dots with a pencil on a piece of paper. Then he must open his eyes and draw a picture using the six dots for an outline. For variety, exchange papers and use each others dots.



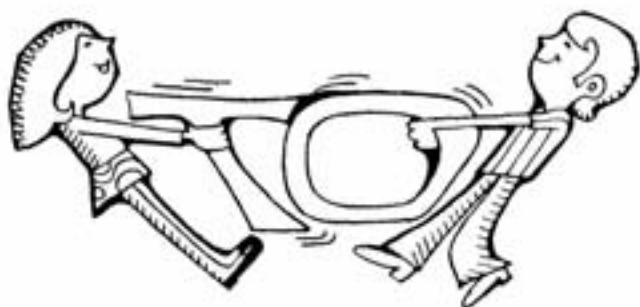
BILLBOARD CAPERS

Alphabet — Each team takes one side of the road and scans billboards for letters of the alphabet in consecutive order. Call out letters and words in which they appear. First to "Z" wins.

Word Fun — Jot down 10 words — one each from 10 billboards — then form a coherent sentence from the words.



WORD STRETCH



One player names a two or three letters word. Each of the others, in turn, tries to "stretch" it by adding a letter at a time to either end or the middle. Give one point for each new word made during the 3-minute "stretch period". Here's an example: to, ton, tons, tones, stones (4 points).



PIE



EYE

RHYME RIDDLES

Here's a simple example of a riddle: "I rhyme with pie, and you see with me". The answer is eye. Each player has a chance to make up a riddle and the person who has the most correct answers wins.



SIX BUZZ EIGHT

Speed makes this game more fun. Players in turn recite numbers from 1 to 100. But when 7, or numbers containing 7, or 17, 27, 37, etc. to a player, he must say "BUZZ" instead of the number. The person who fails is out of the game. To make the game more interesting, try including multiples of seven.

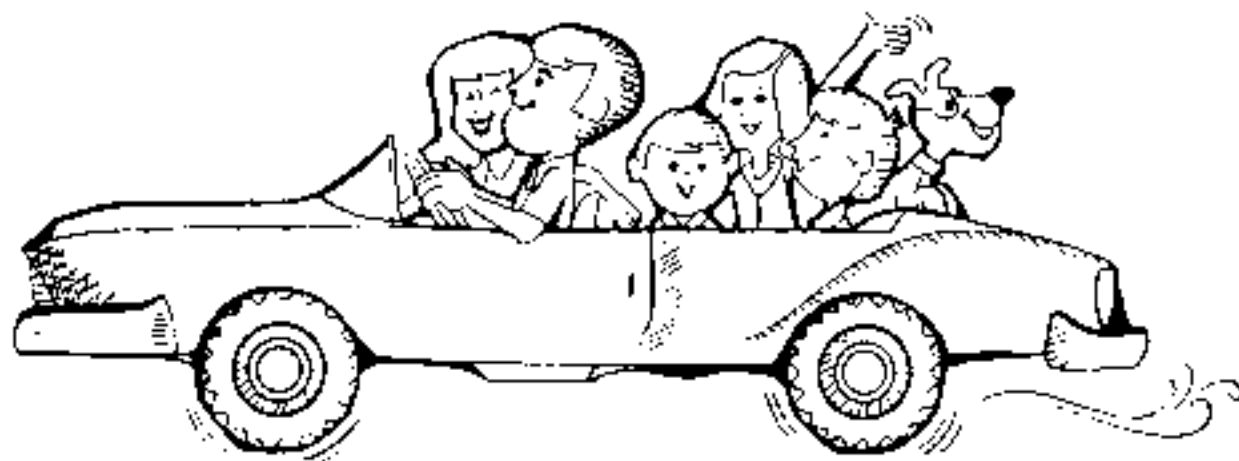


FUN FIGURES

Each player draws a head on a piece of paper. He then folds it over just allowing the end of the neck to show. His drawing is passed to the next person who draws in the body and arms, before folding it over again with just the torso indicating where the legs join. The papers are rotated again and the legs are added. Once completed, the fun figures are ready for viewing.



WHEREVER YOU GO . . .



DRIVE SAFELY

ITFS



Bert Jackson of general engineering demonstrates how to start a gas-powered drill motor under the watchful eye of Mike Mitchell of Employee Relations at the training and development institute.

"Instruction Training for Supervisors" (ITFS) is a study course offered by International Nickel to better equip supervisory employees to communicate. Each course consists of five one-day sessions held at weekly intervals in the Sudbury training centre. Participants are given instruction in public speaking and job demonstration techniques. They are seconded to the course by their department heads. Approximately 1,800 employees have taken the course since it was introduced in the early 1960s. It was developed by Walter Lalonde of the Institute staff. The current course is instructed by John Zimmer, a recent addition to the staff from Port Colborne, and Ray Caverson.



Sid Wasitis

A great number of cameras were surely pointing skywards during the sensational Dominion Day display of fireworks that lit the night sky over Sudbury's Ramsey Lake. For those who may have suffered some disappointment with their photographic results — here's what it looked like through the 55mm lens

belonging to Sid Wasitis of the Copper Cliff reverb department. His excellent picture was captured by a 35mm Leica M4, tripod mounted for an exposure time of one minute at f16. Film was Kodak Tri X rated at ASA 400. Sid's dad, Jim is a welder with the maintenance department at Copper Cliff.

Wives don "muckers" to see how it is down in the mine



A wide variety of comments could be matched to the expression on the face of Noella Corriveau as she questions her husband Marcel about the three boom jumbo drill he operates. Her reactions to the tour are recorded on the right.

Following a successful trial at Copper Cliff North mine, wives' tours of Inco mines have been planned throughout the Sudbury District. "We intend to hold one tour a month at each mine until every man's wife has had a chance to see where her husband works," says Gar Green, vice-president of mining and milling for the Ontario Division.

"Single men may sponsor a female of their choice, be it their girlfriend or mother," Mr. Green says. Tours will be limited to a group of 30 women at a time, chosen by drawing their sponsor's name until all tour spots are allotted. "It may take some time, but we intend to continue until everyone has had a chance to invite someone." A group of 26 visited Stobie mine recently. Some are shown on these pages. One of their number, Noella Corriveau was asked for her reactions. This was her reply:

"My personal reaction to the tour as I remember is as follows: I was issued a battery and lamp before entering the cage, and as I started down I felt uneasy but that soon passed and I enjoyed the ride. Having reached the thousand foot level, I was aware of a tunnel carved out of solid rock. This, I was told, is called a drift and it was clean and well kept. Reaching the end, I entered another great opening where gigantic machines were stationed and being repaired. This place was a garage.

"Continuing on I reached the 'tippie' area and the awesome 'crusher' that I heard so much about. I watched intently as it worked. It was an incredible sight, one I shall not soon forget. The lunch room was the next stop and I found it pleasant. There was a long bench for the workers to rest while eating and a warming place to heat their food.

"As I proceeded down the ramp I thought of my husband and was anxious to view the area where he



With guidance from her husband Phil, a mine foreman, and other members of the visiting group of ladies, Theresa Gagnon tries on a load-haul-dump machine for size.

worked. I knew he was a 'jumbo driller', but had no idea what that was.

"He showed me how he operated the controls and the machine went to work. I felt very proud of him and I told him so.

"The 'fan drill', 'jack leg', and 'Scoop Tram' were

others that I saw. They were all marvelous machines and certainly deserve to be mentioned as they all do individual jobs. I am proud to admit my husband is a miner, for I have seen what he can do and the same goes for all the men who work in the mine.

"Thank you Inco for having made it possible."



Jack leg driller Louis Ledzva manfully tackled the job of explaining the action of drilling, then, after creating a little elbow room gave a live demonstration.

. with this result. Hands over ears, and with mixed expressions, the ladies watched intently as the drill steel bit into the ore face.



SUGGESTIONS

Two win major awards

Suggestion plan awards for the month of June totalled 37 in number and covered a wide range of company operations. Two of the "really big ones" went to a pair of ingenious instrument men at the Frood-Stobie mill who each made a separate suggestion concerning the underground weigh scales.

"Smitty" Smith devised a procedure that eliminated the interlocking "electric eye" on the weigh scales. His suggestion was worth \$345 to him.

"Gotty" Kleinsteuber, who like "Smitty", maintains scales, came up with the suggestion that eliminated the necessity of taking heavy hydraulic load cells underground to calibrate the scales. That was worth \$325 to "Gotty".

Among the other award winners this month are: **Carl Tuttle, Arnold McGowan** and **Eugene Donato** from the Copper

Cliff mill who between them reaped \$170 for their proposed simplification of filter screen maintenance. Carl and Arnold also teamed up for a \$30 award for their suggested change to Eimco filters.

At Frood-Stobie mill **Roger Ramsey** picked up \$130 for his idea to avoid Victaulic couplings separating under certain conditions, and **Rheal Prevost** from Little Stobie received \$115 for his suggestion to install collars on drive shafts.

Vito Silvestri and **Eldon Dunn** earned \$90 for their redesign of conveyor chutes plus another \$20 for a door modification. They work at Clarabelle mill. **Bruce Kutchaw** also from Clarabelle mill won himself \$90 for his suggestion to reduce wear on an x-ray shutter mechanism.

Manfred Uhlig from the Copper Cliff mill won \$60 for suggesting the installation of cast iron elbows on filter lines while **Joe Burns** and **Ernie Henry** from Clarabelle mill picked up \$50 for proposing the use of sleeves on conveyor idlers. Creighton's **Roly Savignac** won \$35 for his idea for a tool to remove raise borer rods.

There were eleven \$25 award winners. **Vince Vienneau** from Creighton, (ladder guards), **Bill Davidson**, Clarabelle open pit (extend trip cable life), **Vladimir Maleo**, Coleman mine, (improve cooling in MG room), **George Huycke** also from Coleman, (hopper and chute enclosure), **Gerald Fraser**, Copper Cliff mill, (rearrange control circuit), **Stan Murray**, Clarabelle mill, (safety lines at tippie), **Doug Scott** from Frood-Stobie mill, (crawl beams), **Ralph Toivonen** also Frood-Stobie mill, (control of on-stream analyzer head tanks), **Ron MacDonald**, Copper Cliff Mill, (chain block crawl), **Albert Simard** from Levack mill, (shield for electrical transformer), and **Will Salo** from Creighton mill, (mine water as emergency gland water for pumps).

The twelve \$20 winners were: **Tom Kennedy**, Creighton, (salvage shop

doors), **Bill Gagnon** and **Joe Smith** from Creighton mill, (rubber car bumpers), **Enzio Cacciotti**, Clarabelle open pit, (simplify truck hydraulic pump maintenance), **Stan Bidochka**, Creighton mill, (spotlight for ore bins), **Bruce Kutchaw**, **Lauri Kari** and **Ken Mielke**, from the same location (improvements to valves), **John Hancock** also of Creighton (ladder at mill head tank), **Montford Duff** now at the iron ore plant, (valves for frother pumps), **Steve Dominick**, Frood-Stobie mill, (grating at No. 4 mill), **Gerald Bourre** from the same location, (plunger for blocked floor drains), and **Peter Belanger** of Levack mill, (relocation of change-house thermostat).

Tom Kennedy, his second award (removal of stop blocks at 9 shaft), **Barry VanHorne**, Creighton, (clock chart for pumps), and **Tom Thorpe** of Clarabelle open pit, (rebuild Haulpak plate rollers), all received \$15 for their ideas.

Congratulations to all the winners who by helping improve operations, earned themselves tangible recognition.



The two "electric eyes" that "Smitty" Smith is holding were used to activate the underground scales. Smitty's suggestion eliminated the need for these cells and resulted in a practically foolproof weighing system.



"Gotty" Kleinsteuber's suggestion eliminated the need to lug two 80-pound load cells underground to calibrate weigh scales.

Lacrosse— Canada's national sport?

At any good sporting pub, while downing a pint of bitters, you can get an instant argument as to which is Canada's national sport, hockey or lacrosse. And whether you side with Clarence Campbell or our Indian friends down Cornwall and Brantford way, one thing is certain; lacrosse is really coming on strong.

More and more the lacrosse stick is seen these days, and according to Gerry Deault, chairman of the ways and means committee of the Sudbury Region Box Lacrosse Association, there's a real local boom in organized lacrosse. Gerry feels that part of the new interest is the current wave of nationalism. The game also keeps the boys in good shape for hockey; but the main reason is the game itself. "It's a fast, rugged and exciting game that demands a high degree of co-ordination and control", Gerry said.

Now in its third year, the local Association comprises 19 teams in five categories from the six- to eight-year-old Tykes to the 14- to 16-year-old Midgets, plus four girls' teams. In total, this involves some 360 boys and 40 girls plus coaches, officials and others.

Games are played in the Barrydowne Sports Centre four nights a week, four games a night. Three 15-minute periods with a five-minute breather between period is normal playing time.

Lacrosse is played with a webbed stick and a hard India rubber ball which,



Bill Bennett, a representative from the Ontario Minor Lacrosse Association was in Sudbury recently to conduct a clinic for coaches and others. Pictured here are some of those attending. Standing l. to r. Rod Steward, president of the local Association, Jack Corrigan, Leo Silvinski as the goalkeeper, Bennett and Moe Lepage, referee-in-chief. Kneeling l. to r. are Ernie Musselman (a Froot man), Gerry Deault and Allan Desault a coach and also manager of the PeeWee All Stars.

according to lacrosse buffs, travels faster than the Golden Jet's slapshot.

Rules of the game are somewhat similar to basketball — no offsides for one thing, and while this is a rough, body contact game, injuries are few and slight.

Strict discipline is in large measure responsible, a five-game suspension can be had for kicking — a three-game suspension for hitting an opponent with your stick. Gerry reports that good

coaching and officiating have made major suspensions rare.

Present signs indicate that the long range prospects for lacrosse are good and we may soon be cheering on our team in a game that has been played in Canada since the days of the earliest settlers and beyond. One story has it that a form of lacrosse was played among the early Indians as a substitute for open warfare — fewer braves were lost that way!



Young Copper Cliff high school lacrosse enthusiasts getting in some practice in Nickel Park.



Chris, age 21, shows good form as he slides round the bend and roars into the straight away.

MOTORCYCLE RACING

AS SEEN THROUGH THE EYES OF SKEPTICAL PARENTS



BERNARD & BARBARA LEE

By BERNARD LEE
Port Colborne nickel
refinery design draftsman

"Off to the races", a familiar scene in the Lee driveway, with dad and Terry, who is five, helping Chris load the bikes.



Two cycle, four cycle, Kawasaki, Suzuki, Honda, Moto Guzzi, BMW, CZ, DKW, 100 CC, 400 CC — a lot of numbers, foreign names, letters and peculiar insignias. Yes, that is what seems strange to the parent who first becomes involved with motorcycling. When our oldest boy, Chris, became interested in making a mini bike early in 1972 from a four cycle lawnmower motor and a pair of wheelbarrow wheels, we realized that in spite of prejudice against two-wheeled vehicles, because of the poor public image and the expected danger involved, we had left the scene of the average Canadian family. This mini bike interest soon spread to our second son, Mike, who drew plans and fabricated several mini bikes which were subsequently driven, modified and raced in our backyard area.

Then, Chris became interested in something bigger and talked us into buying a Yamaha 80 which we later traded



This "daring young man on the flying machine" is 17-year-old Mike.

for a 10 speed, 100 CC nearly new Kawasaki, as he had decided that enduros and trail riding was his way to go. Soon after, Mike acquired an identical bike. When they entered their first enduro, the whole family was enthused. Everyone helped in preparing the bikes. Mom would rebuild leather seats and even made a pair of leather pants and chest protectors for our future racers. The boys did the maintenance and the girls did all the spit and polish on bikes and clothing. Even Dad bought himself a 100 CC Honda SL to join in the fun, our philosophy was, if you can't beat 'em, join 'em.

We now started getting involved with competition licenses, racing accessories, bike trailers, entry forms, pre-entry fees, number plates, etc. We were soon caught up in the turmoil! The boys progressed exceptionally well in the competitions as our experience in preparing the bikes increased. In looking back, we can tabulate the credits and debits of our family racing for 1972 and it is something we will always remember. We carted motorcycles 12,000 miles last year, running gas stops for enduros, hauling bikes for motocross and scrambles events and this was all within 130 miles of home. In addition, we have made a host of friends among the very nice people associated with motorcycling.

The 1973 racing season started early with ice racing and in the Canadian

championships held in Barrie, Chris came 3rd and Mike placed 6th. The Canadian Motorcycle Association racing calendar for this year has two or three races scheduled for each weekend so we are busier than ever.

From all this, you can see that we have changed from skeptical to enthusiastic parents and would advise any parents not to hesitate in allowing their sons to participate in any properly supervised or C.M.A. event. All competitors



Preparing to join his brothers on the circuit, Tim, an active eight, puts in time on the family's mini-bike.

must have a medical acceptance certificate, signed by a doctor and must abide by the strict safety rules of the association as to the mechanical fitness of the machine and wearing of the required protective equipment.

The boys have taught Mom and Dad the difference in sound between a four stroke and a two stroke and we know where a CZ is manufactured. Yes, you can say we have joined the cycle generation.



Everyone in the Lee family pitches in on the motorcycle scene. Removing some stubborn cross-country mud are 15-year-old twins Kathy and Kim.

Golf tourneys here and there

If the present trend continues, plant and department golf tournaments could equal the number of events on the pro tour, and that's considerable. Undoubtedly one of the most popular of weekend sporting endeavours, hardly a week passes but some group of Inco divot devotees has a tournament. And though not in the class with Nicklaus, Palmer and company, everyone has a "ball".

Four such groups had their fun day recently and their occasion is hereby noted.

General Engineering

In order to accommodate the 108 entries the general engineering social club used the shotgun start at 8 a.m. and again at 1 p.m. at the Lively golf course for their tournament in June. Sandy Sandiford, who organized the day and tended most of the details, didn't let that interfere with his golf as he shot a fine 77 for second low gross. Top honours went to Neil Smith, local contractor who was a guest. He shot 74. Leo Groulx with 83 and Walter Tuttle with 84 were other Incoites who scored well.

Using that great equalizer the Calloway system, Jerry Cullain won low net with Albert Reballato not far behind. Most honest golfer of the day was Emelio Williams who recorded 152 strokes. Rumour has it that a few "whiffs" were not recorded. He received three packs of aspirin for his efforts but really required something much stronger — and not in tablet form!

Plenty of prizes, refreshments and a barbecued steak dinner rounded out a very pleasant day and according to Sandy, most everyone is looking forward to next year.

Employee Relations Department

The employee relations gang held their tournament at the Chelmsford course in June, and despite a rather wet morning spirits and scores were not appreciably dampened, in fact they remained quite high!

Mike Mitchell, John Spec and Harvey Nadeau arranged the details and the 34 entries had a great day. A few private matches along with some rather unorthodox approaches to golfing principles helped highlight this event.

At final tally Brian Crowder was

definitely the best with a very fine 81 gross score. John Spec and Terry Lineker were next with 90. The best low net, via Calloway, was Norm Pagan with 67 followed by Don Moule with 70, Roy Carlyle and Mike Mitchell with 71. Most honest golfer was big Bob Hurly with 146 and as one wag put it, he would have done better with a ski pole or tennis racquet.

The usual refreshments and food along with plenty of prizes were enjoyed by the gang and a few challenges were extended for next year.

Levack

Also at the Chelmsford course the Levack Athletic Association held its tournament with 35 golfers teeing off at 8 a.m. in a shotgun start. Harvey Nadeau and Ron Matte, president and secretary of the association, ran a pretty smooth show that day.

Low gross winner was Martin Wazny

with 88 strokes, just one better than Ray Parker who carded 89. Low net went to Barry Telford with a 73 and Jack Curry from Coleman was next with 74. On the hidden hole Elzear Roy and Doug Parenteau tied for the low score while Art Fenske was high. Orme Purvis was most honest golfer with 141. There were a number of other prizes.

After the loot was distributed the boys enjoyed dinner and the usual tall tales that accompany such events.

Copper Refinery

The copper refinery has already held one golf tournament at the sporty little course in Massey and have another planned for September 15 at the Chelmsford course. Bud Eles reports that the 40 entries had such a great day at Massey that a second tournament was inevitable. We'll be looking forward to reporting and recording the victors and vanquished in that event.

Port Colborne

The 2nd Annual Process Technology golf tournament was held at the Port Colborne Country Club. With an entry of 23, representing all sections of the department, the event proved to be a resounding success.

Dave Neff, convenor of the event, was low gross winner with a respectable 81 and Dennis Green copped the low net laurels with a 72. The duffer trophy proved to be no contest as Ron Booker came in with a smashing 182 and according to reports, it took him so long to play that he almost missed the party. The long drive was won by Dan Pinchin, a guest for the day, with a mighty wallop

But for a couple of bad holes Gary Foy would definitely have been up with the leaders in the employee relations golf tournament. And here Gary shows why. This tee shot was good for about 240 yards. Others in the foursome were Roy Carlyle, Bud Meaden and Bud Hallibourg, left to right. In the background Harvey Nadeau and Terry Lineker await their turn.





Halfway round the course, still talking to each other and about to tee off on No. 10 are Ray Leslie, precious metals; pensioner Hank Boyer, with Garry House and Maurice Jacques from the process tech instrument shop.

of 280 yards, not bad for a left hander. The prize for closest to the hole on No. 4 green was won by Morris Jacques with a sizzling shot only 6 feet away. The team trophy, comprising the three low gross scores from members of process tech, general lab and instrument shop was won by process tech with a total of 264.

Annual Inco Golf Tournament

August 10 is the date and the Idylwyld Golf and Country Club is again the place for the annual Inco golf tournament.

Please note that August 10 is a Friday within the vacation shutdown period. Entries this year have been allocated on a departmental basis and an attempt is being made to speed up play.

Other changes include serving all meals at midday. The presentation of prizes is set for 9 p.m., and dancing from 8 p.m. to 1 a.m. with music provided by a local group. This year, all Inco employees are invited to the dance, not just tournament participants.

Players will be notified of their starting time, place and other details.



Quiet concentration as Port industrial engineer Rick Hilton prepares to sink a short one.

25-year scouter

June 25 was a very special day for the 3rd. Port Colborne Cub Pack. On that day Cubmaster Ron Haywood completed 25 years of unbroken service with the group. Gathered at the First Presbyterian Church, which is the group's regular meeting place, Ron's pack and guests were on hand when, to mark the occasion, Ray Cressey, representing the minister and congregation of the church presented Ron with "The Ron Haywood Award" — a trophy to be awarded annually at Ron's discretion.



An instrument technician at the nickel refinery, Ron Haywood displays the trophy, and a smaller replica that he will keep, to his wife Ann and their youngsters John and Jane.



Officially opening the Sudbury Exiles' new playing field is Sudbury's deputy mayor Tom Zaitz. On his left is Miss Sudbury of 1972, pretty Paulette Dubie and club past president Gord Whitaker holding the ribbon. Assisting on the other side is Mike Elliott, club president and behind him Marcel Ethier and Malcolm Morris.

Sudbury exiles open new field

The Sudbury Exiles Football Rugby Club passed another milestone in its relatively short career with the official opening on June 30 of its brand, spanking new playing field or "pitch". A fine day it was too with many supporters out for the official opening and the two exhibition games that followed. Tom Zaitz, deputy mayor for Sudbury, was there to cut the ceremonial ribbon.

Of the some 70 members in the club at least one third are Inco men, and one thing all members have in common is a boundless enthusiasm for work.

Determined to have their own quarters, the members have been preparing their new field since early last year and are still in the process of completing the clubhouse.

Located to the north of Laurentian lake

on land provided by the Junction Creek Conservation Authority, and with assists from many sources, the members set about levelling and seeding their pitch. In just one year they have a very creditable field.

Access to the field is via the Ethier Sand and Gravel road, just past the CHNO transmitter on highway 69 south. Marcel Ethier has been very helpful and donated the land on which the clubhouse has been built.

While the field still requires considerable improvement the grassy areas should fill out and improve with time. The Exiles players are happy with it.

They were not so happy with the outcome of the two exhibition games played that opening day though. Exiles lost the first game to Deep River and that

may have been interpreted by some as a fine gesture from a perfect host. Watching the play however knocked that pretty theory into a cocked hat. Exiles played to win — period! The second game saw the president's elect team lose to a northern all star squad.

Male chauvanism notwithstanding, this rugby just has to be man's domain. On the field 15 players or gladiators a side, with no protective padding or equipment, have at each other for possession of a very elusive ball and the play combines all the bodily contact of football, soccer and hockey with surprisingly few flare-ups that amount to anything. A great game to watch and, if you're in shape, a great game to play.

A barbecue dinner and the Miss Sudbury dance at Laurentian's Great Hall rounded out that day.

On July 1, for the third consecutive year, the Exiles sponsored the Miss Sudbury competition at Fraser Auditorium. This year's winner was Carole Chartrand, daughter of Bob Chartrand, well known as vice-president of local 6500 for many years. Malcolm Morris of general engineering was chairman of this very successful event.



A throw-in during the first exhibition game after the field was officially opened. The Deep River team defeated the Exiles. In the background is the clubhouse which is still under construction.



Bob Brunette of the Mechanical team cracks out what looks like extra bases while Stobie catcher Rich Desmarais waits in vain. Mechanical won the game.

Shift league softball going strong

Shift league softball is still very popular around the Inco properties and in the next couple of issues we hope to be able to cover their activities and report their standings.

Frood-Stobie

One of the original bulwarks of plant league softball the great Frood-Stobie complex has, through the years, maintained a competitive league always with a good natured feud abrewing. This season is no exception with seven teams entered in the league and the two leaders, Office Staff and Electricians battling for top spot.

The other five teams in their order of standing at the beginning of July were: 2200 level, Mechanical, Little Stobie, 600 level and Stobie. Cec Goudreau of the Frood time office is league convener and Brian Caldwell sets up the schedule. All teams have sweaters and there is no shortage of equipment thanks to Eldred Dickie and his popular draws.

In order to maintain law and order without fear or favour, umpires are recruited from the church and other leagues in town.

One interesting aspect of this very popular game is the lengthy playing careers of some of its proponents. A classic example is Stu Dickson from Frood. Still playing right field for the Mechanical team this year Stu recalls playing his first game of softball at the old Central School in Sudbury (where the Sudbury Arena now stands) back in 1923. Gordie Howe please note!

Denis Pigeon of the Mill team romps safely into first after hitting a line drive back to the box that drove Reverbs pitcher Homer Bellaire to the ground momentarily. The first baseman is Tom Doolan and in the background third baseman Bill Holland. The Mill won the game.



Copper Cliff

With five teams active the Copper Cliff shift softball league appears to be heading for another good year. Rivalry is keen as always and the bench razzing pretty sharp.

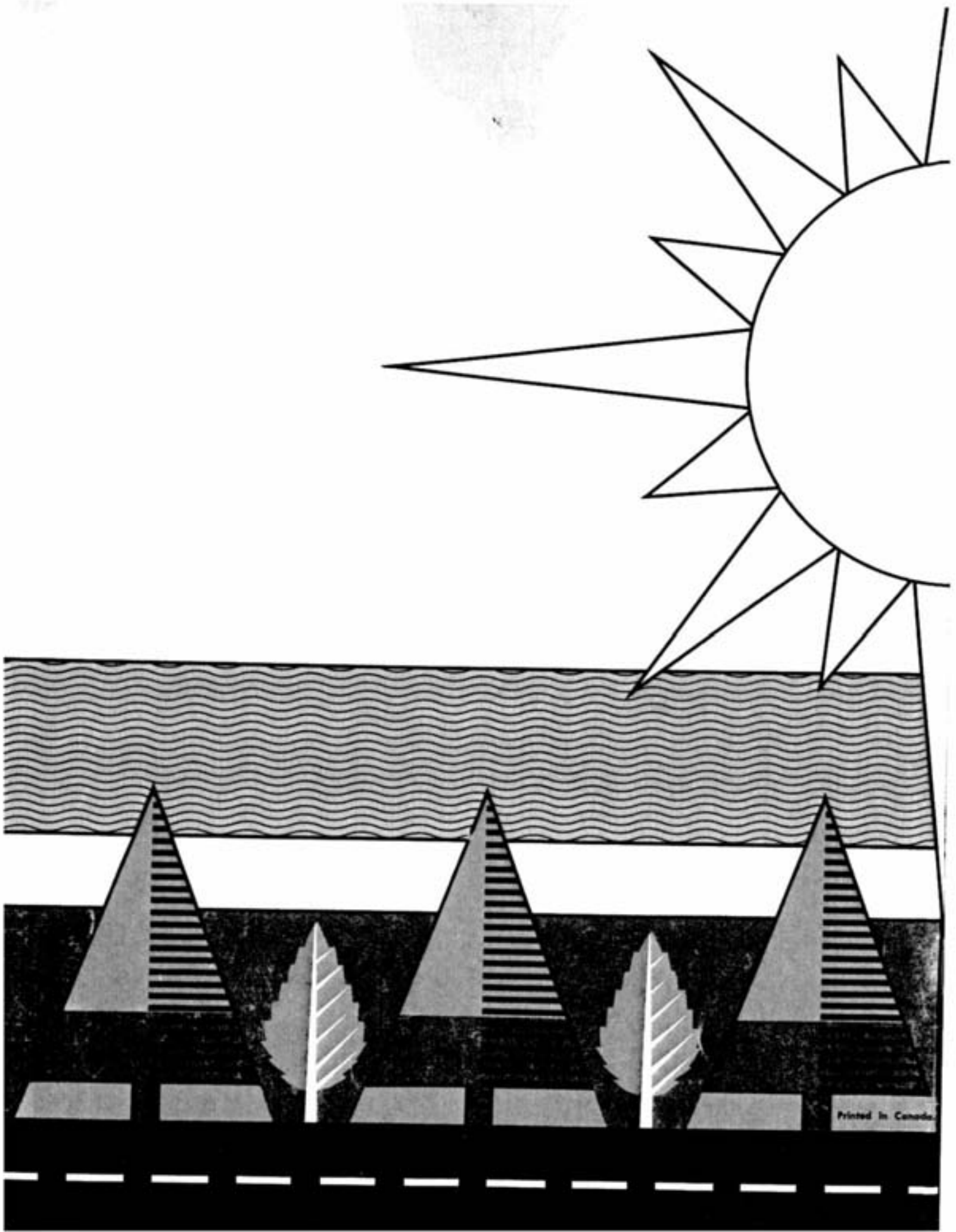
At time of writing the high flying Transportation team is on top and coach Mike Gaudet gives a good deal of credit to brother Noel who is cracking out hits à la "Hammering Hank Aaron".

The boys from the converters with Don Lefebvre at the helm are in second place and threatening. Rick Doherty's Electrical team is in third spot with the Mill and

Reverbs sharing the basement. George Strong is coach of the Mill and Serge Maisson of the Reverbs.

Much of the league's success is attributed to Ray Frattini who is league convener again for the fourth consecutive summer. Ray does a fine job of scheduling and tending other details. "I have help with the umpires though", he said. "Lionel Bechard acts as umpire-in-chief and he arranges the officials for each game."

Ray noted that no games are scheduled during the vacation shutdown. After start up they'll be getting into the playoffs.



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