



INCO
Triangle
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On the cover

Our stylistic version of Canada Geese flying south reminds us that Fall has arrived and that Summer is officially over. This seasonal change comes too fast for some and for others it doesn't happen fast enough.

But our cover doesn't just symbolize the changing seasons it also features the newest tenants of Inco's tailings area. To learn more about these new guests see story beginning on page 16 of this issue.

INCO Triangle

In this issue



Fun is first

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This year's United Way campaign for employees in the Sudbury area will take place during the week of October 21. All money collected will go to one of 19 Sudbury agencies.

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35 years accident free



Ernie Landry holds the special plaque he was presented with to acknowledge his 35 years of safe work with Inco.

Ernie Landry's 35 years of accident free work was recognized recently when he was presented with a special commemorative plaque by Jose Blanco, manager of the Copper

Cliff smelter complex who praised the significant milestone.

Ernie, a lubrication engineer inspector at the smelter, says safety is something he considers every day on the job. "I think about safety first," he states. Good housekeeping is one of his main concerns. He inspects and lubricates the various machines, pumps and belts in the sand bin area of the smelter.

Ernie's excellent record of safe performance began when he joined the Company in 1948. He worked at the sinter plant and underground at Creighton mine for 22 years before coming to the smelter in 1974. He has made safety his number one concern both on surface and underground.

Note to pensioners

If you were interviewed recently and your write-up hasn't appeared in the Triangle yet please don't worry. It should

appear in the next issue.

In order to publish the large backlog of retirement interviews that have occurred during the past few months it was necessary that the last edition of the Triangle have a much larger than usual retirement section. This allowed us to bring most of our retirements up to date but unfortunately some of our regular employee features didn't get published.

We attempt to keep a balance of retirements and Company news in each issue but sometimes circumstances dictate differently. The previous issue and this issue are two cases in point.

This edition doesn't carry any retirements but in addition to employee and Company features it has several pages of pensioners' events both at Sudbury and Port Colborne. The retirement section and the wedding anniversaries will be back to their usual size next issue.

H O C K E Y



D • O • W • N

MEMORY LANE

Diane Warbrick of East Street in Coniston is the winner of the latest Down Memory Lane Contest. She correctly identified the members of the 1952 Coniston Red Sox, champions of the Nickel Belt Baseball League. Quite a number of employees and pensioners were accurate in naming this crew of distinguished individuals so that once again a draw was required to establish a winner. She will receive a NiGold Science North medallion.

To wrap up the Down Memory Lane series, we have selected a photograph of one of the most famous hockey teams in the history of the game in Sudbury. In the spring of 1954 this club came within an eyelash of winning the Allan Cup, emblematic of senior hockey supremacy and representing Canada at the world championships.

Send your entries to the public affairs department, care of the address on the inside front cover of the magazine. Your envelopes should be clearly marked "Down Memory Lane Contest." Deadline for entries is November 15, 1985.

The winner of the contest will



SUDBURY WOLVES, 1954 ALLAN CUP FINALISTS, CAN YOU IDENTIFY THEM?

be presented with a Science North medallion. If necessary, a draw will be made from all correct entries in order to ensure an equal chance of winning. This will be the last "Down Memory Lane" contest. Triangle readers can look forward to a new skill-testing quiz early in the new year.

The correct identification of the 1952 Coniston Red Sox baseball club are, in the foreground,

mascots Bobby "Butts" Blake and "Peanuts" Gosselin; front row, from left, Oscar Paradis, Paul Moulaison, Burton Boyd, Jim Milne, Clarence Fox, Theo Fitzgerald; middle row, from left, Bill Core, Mort Berry, Lou Moulaison, Snell Blake, Keith Boyd, Maurice Lapraire; back row, from left, Neil Asselin, Vic Boyd, Ray Muise, Andy Halverson, Murray Veno, Russ Doucette.

Salto Gymnastics

“FUN IS FIRST”

Carole Valiquette a competitive level member of the club poses on the balance beam.

Salto - it's a gymnastics move... "a fancy name for a tuck," defines Bob Simon, head coach of the Salto Gymnastics Club and a machinist at divisional shops. A fledgling athletic group on the Sudbury sports scene, it holds abundant promise as a source of acrobatic fun and competition for youngsters.

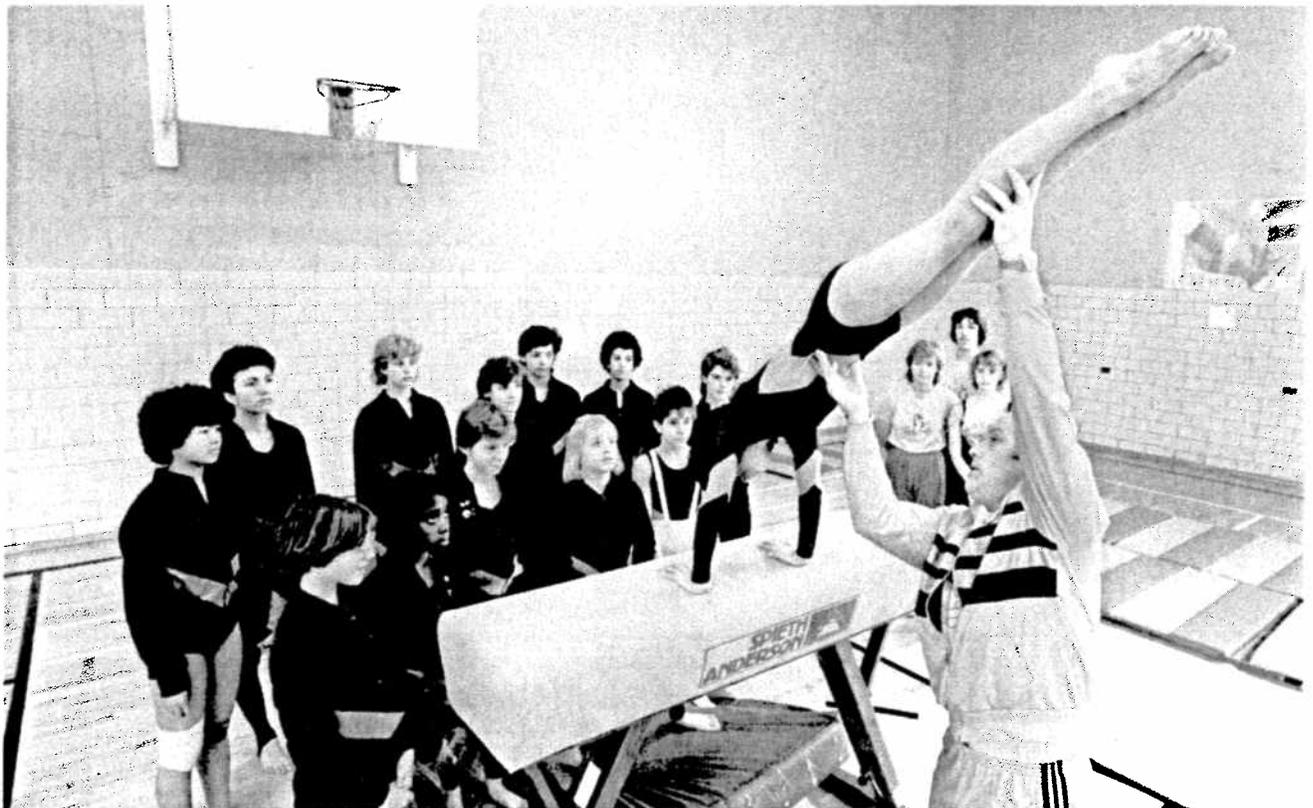




Joe Lazlo, one of the Salto Club coaches, helps one of the boys in the pre-competitive level with a move on the parallel bars.



Della Reid, a Salto instructor, teaches a walkover to a young girl in a recreational class.



Bob Simon, Salto Club head coach, teaches body position for a hand spring to the competitive gymnasts. The subject in this demonstration is Lisa Nowgabow whose parents, Alex and Judy, are both Inco employees.

Bob had been out of gymnastics for 14 years when he agreed to lend a hand instructing at the YMCA in Sudbury. "At the time I was just going to do something just to get into shape," he comments. The "Y" had been of great service to him as a teenager so he thought he might return the favor by helping youngsters. "I was going to go out and help somebody else. There wasn't a coach there when I got there."

Bob began instructing the 50 youngsters enrolled in the class. As he went along he restructured the gymnastics programs for both recreational and senior gymnasts. Two years ago the YMCA Salto Gymnastic Club was born from the developmental framework he had established. Today 115 girls and boys ranging in age from 9 to 16 belong to the club. Nineteen are in the competitive group while the rest are in the recreational ranks.

The program Bob has implemented is a progression through a series of skill levels from pre-beginner up to competitive. He, a national certified level II instructor, is assisted by Della Reid, Gaye Howe and Joe Lazlo. Della, a level II coach and a level I judge is the daughter of Roland Reid of the Copper Cliff copper refinery.

"The main thing about our club is that fun is first," Bob explains. "They have to have fun or they wouldn't be there." The fun is within the context of gymnastics and a few basic rules that have been set. Among them are maintaining academic standards, not eating junk food and, for the competitive class gymnasts, a dress and appearance code.

A desire to learn gymnastics brings the youngsters out in the first place, Bob says. A desire to learn more and compete in the sport keeps them in the club. Others simply enjoy gymnastics and don't wish to pursue it at a competitive level. The

recreational types practice every Saturday at the YMCA gym, while the competitive class trains three times a week.

The 19 athletes who are in the Salto competitive level have done well in regional competition. One, Dean Dionne, gave an excellent performance at a recent provincial competition in which he won an award in every event he entered. "We have some kids here who are excellent gymnasts," Bob comments. "The only thing holding them back is our equipment."

Presently the club is raising

\$8,600 for new floor mats to replace the worn, outdated ones now in place. Fundraising and administration is the responsibility of a parent's committee headed up by the club president who happens to be Con Ryan, a draftsman at general engineering.

A sense of family is what makes the Salto Club special to its adherents. The feeling of camaraderie that makes any collection of people into a team, permeates the entire organization. Says Bob: "We're a pretty tight knit group!"



Dean Dionne, a promising gymnast who has fared well in recent provincial competitions, performs the "iron cross" move on the rings.

PENSIONERS' DAYS

On June 18, 560 Inco retirees attended Port Colborne's annual Pensioners' Days held at the Recreation Hall. The day commenced at 9 am with coffee

and donuts which led into plant tours that carried on throughout the morning and afternoon. A sit down lunch was provided for the guests at noon hour. In addition

to this and other events, pensioners took advantage of the opportunity to get reacquainted with their former buddies from the job.



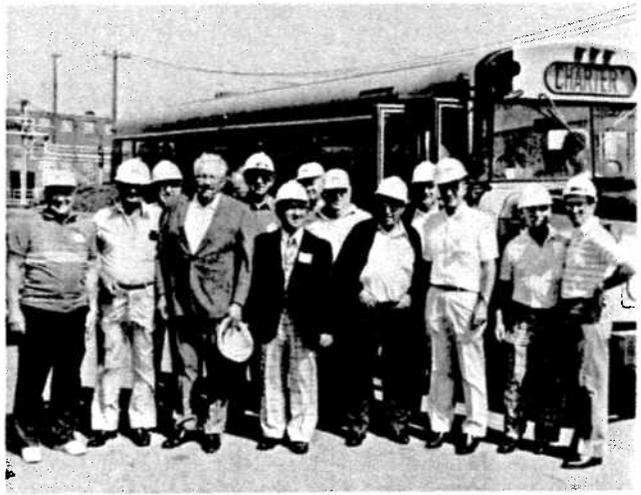
Posing for the Triangle camera are, from left, Louis Brema, John Brema and Lawrence Kramer.



The meal served for lunch is always well received.



Observing the automatic shearing machine are, from left, Steve Zubel, tour guide Maurice Jacques, Savino Saltarelli, Louis Cirone, Antonio Minervini, Angelo Pronessa and Guiseppe Mirante.



This group of pensioners pauses for a photograph prior to entering the bus for a tour of the refinery.

S O U T H M I N E

“I HAD A VERY NICE DAY.”

“Thank you for the fun day at the mine. The part I liked best is where we went down in the cage. And I also liked when I put on a air mask. And I had a very nice day.”

The above letter was sent to South mine by

Carolyn Anderson a young visitor to the recent family day held at Copper Cliff South mine. It pretty well sums up the feeling of most of the people who attended the mine's family day.



Tom White explains blasting caps and primer cords to the group on 3,750 level.



A popular stop underground was the grizzly on 3,750 level.



Proudly displaying their South mine caps are Stephane Coutu and Marille Kensey.



Reg Hubert draws an appreciative audience as he puts a remote control scooptram through its paces.



Barry Houley delivers another load of underground visitors back to surface.



Hoist operator Bill McNair gives his wife Colette and daughter Kim a first hand view of his control panel.



Part of the large crowd that was on hand to see the many exhibits.

INCO'S OLDEST MINE DEVELOPS NEW ORE RESERVES BELOW 7,000 LEVEL



A closeup of the fearsome looking Alpine miner cutting head.

The 1916 vintage photo on the wall of Ed Sirkka's Creighton mine office shows a group of miners handmucking ore in an open pit that became one of Creighton's shafts. The early form of mining it depicts is a stark contrast to the lay out documents, maps, graphs and photos on his desk that detail the new "Creighton Deep" project, an initiative that will see the extraction of ore from 7,200 feet below where those pioneers were digging.

Ed explains that Creighton mine is the oldest continuous mining operation in the district. In December of last year a capital expenditure of \$14.5 million was approved to develop the Creighton orebody below the

7,000 foot level. The mine traditionally has been a major contributor to the copper and nickel requirements of the division, he adds. "You have to continually develop new resources in order to continue mining in a progressive way."

The last major development at Creighton mine to access new ore was completed in 1969 when nine shaft was sunk to 7,000 level. The ore made available by nine shaft is being depleted and our mine engineers looked to the proven high grade ore reserves below the Creighton shaft identified as "Creighton Deep" to maintain the mine's production capacity.

The conventional approach to developing "Creighton Deep"

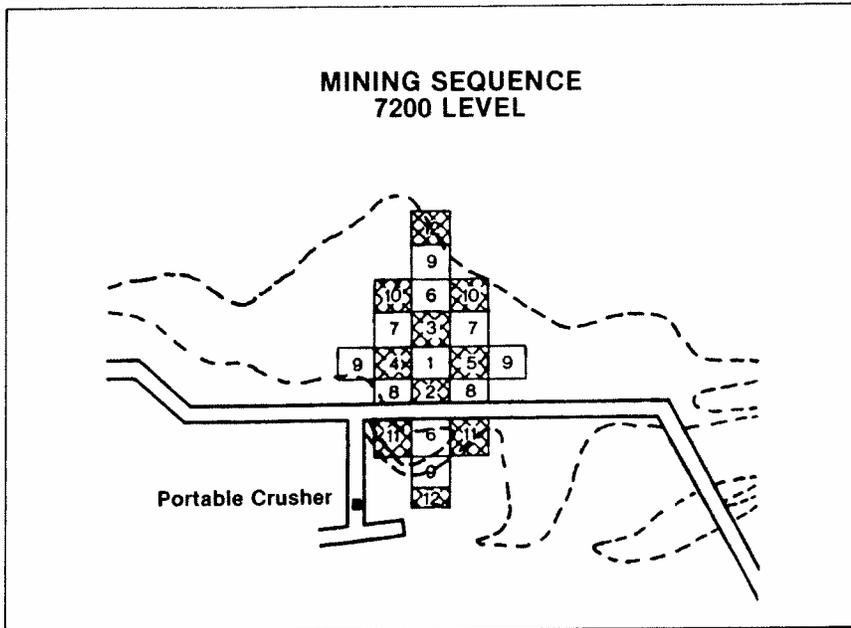
would have entailed sinking a new production shaft along with associated lateral and vertical drifting and raising that would have required an approximate seven years of development lead time prior to production at an estimated expenditure in excess of \$150 million (Canadian) today.

The central mines development group and Creighton mine engineering and operating personnel came up with a novel, more efficient method of attacking the problem that addresses the realities of the highly competitive mining industry where improved production and lower mining costs are imperative.

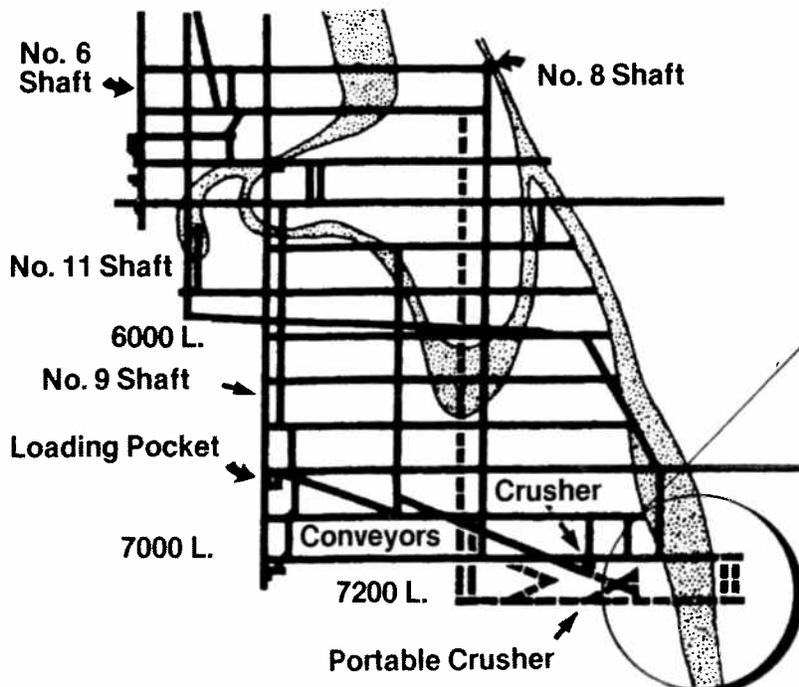
NEW RAMPS AND VENTILATION RAISES

Their approach involves the establishment of an access ramp from 7,000 level to 7,200 level along with lateral drifting to the

orebody. The existing conveyorway on 7,100 level will be extended down to 7,200 level for ore removal to number nine shaft. The existing ventilation system will be expanded from the upper levels down to 7,200 level.



CREIGHTON MINE DEEP MINING DEVELOPMENT



ONE-PASS MINING

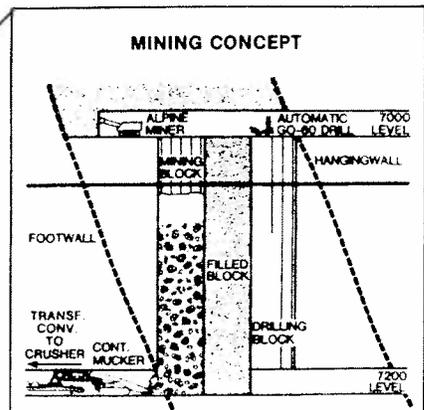
Actual mining of the ore will be a bulk mining method that is essentially a variation of vertical retreat mining. This variation has been given the designation "one-pass mining" by Creighton personnel. This "one-pass" approach allows the incorporation of the most advanced mining equipment and methods.

The equipment to be used in the Creighton Deep Project includes a continuous cutting machine known as an Alpine miner which will be used to establish openings in consolidated cemented sandfill, an automatic in-the-hole drill, a continuous loader, portable conveyors and a portable crusher.

Mining will be by the vertical retreat method and all of the ore will be extracted in the first pass.

In conventional VRM a safe drilling horizon is established in a 40 to 50 foot thick crown pillar below a previously mined out area. This crown pillar is left behind to be mined at a later date by a more costly mining method.

"One-pass" mining eliminates crown pillars as the ore is developed in 200 foot vertical slices from the "top-down" rather than from the "bottom-up" and the drilling horizons are established in the cemented sandfill laying on top of the ore to be mined. The drill horizon opening or "top sill" as it is



termed will be put into place using a continuous cutting machine, such as the Alpine miner, which will cut the cemented sandfill to a predetermined shape.

The "top sill" excavation will then be used by the automated in-the-hole machine drilling 10 inch diameter holes, to a depth of 200 feet and patterned to remove a 40 foot by 40 foot panel.

The ore, after being blasted by vertical retreat blasting techniques, will be removed from the bottom of the panel by a continuous loader onto a portable conveyor, feeding a portable crusher.

The crushed ore of minus six inches will then be conveyed by

the conveyor extension from 7,100 level to number nine shaft where it will be hoisted to surface

GROUND CONTROL

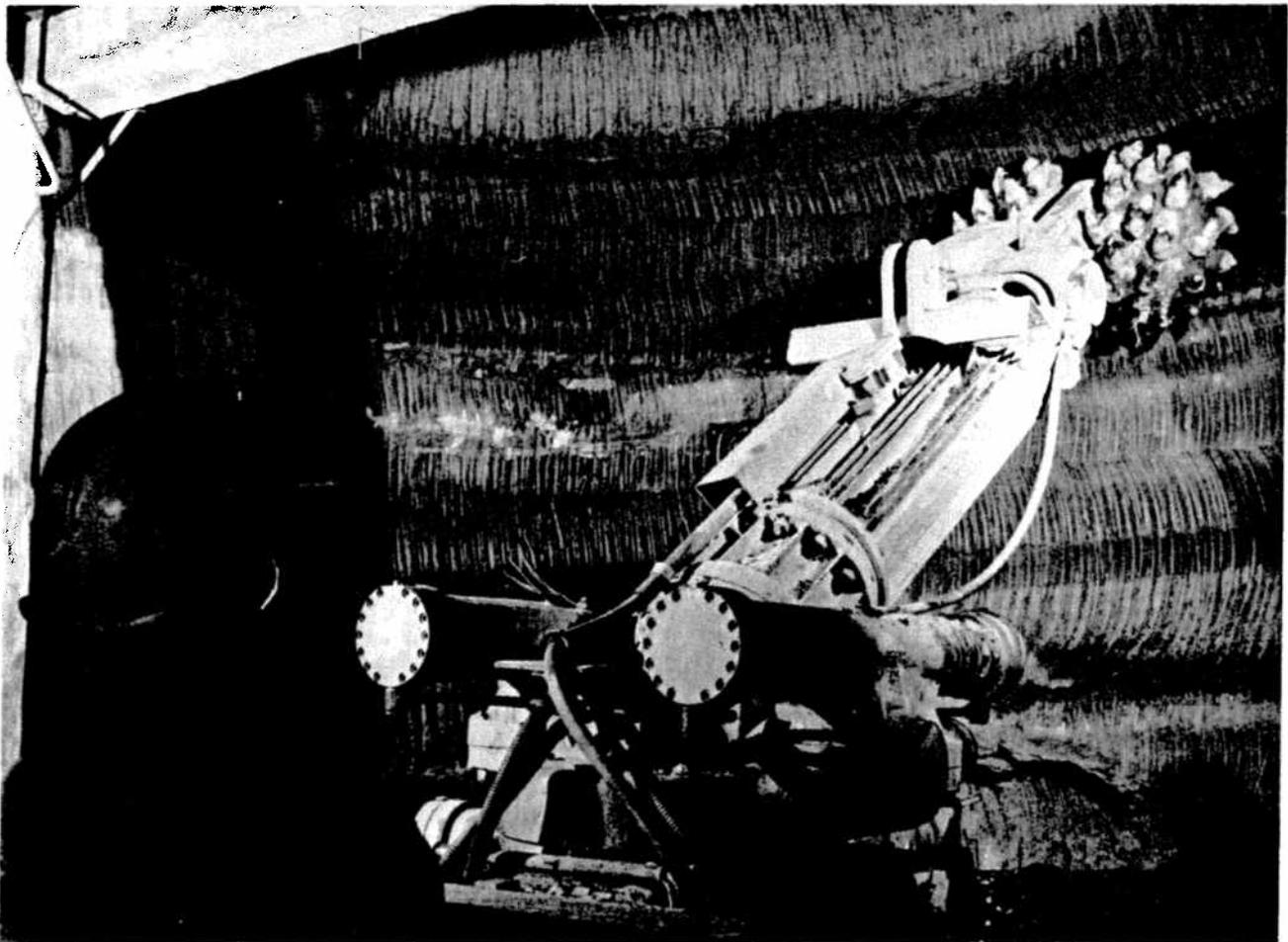
Ground control was a major consideration in this project and rock mechanics studies indicated that an orebody can be destressed by establishing a vertical opening through the centre of an orebody and by mining outward in a radiating sequence, from this opening.

Therefore, once the first panel is blasted, the ore extracted, and the opening is backfilled with cemented sandfill, the mining will then radiate out panel by panel until the entire block of ore is removed.

ADVANTAGES

The "one-pass" approach to mining offers the enhanced safety and efficiency of vertical retreat mining and permits the use of the most advanced mining equipment and techniques. This new approach reduces the requirement for extensive mine services, as bulk mining concentrates mine production on one level. Ed points out that preliminary work on the project has already begun.

The "Creighton Deep" project represents a quantum leap in mining technology from the early days when those open cut miners were captured in the aforementioned photograph; from picks and shovels to automated drills and continuous muckers..Creighton, you've come a long way.



Alpine miner operator Jim Bradley controls the new machine as it gnaws its way through sandfill.

THREE HAVE EYESIGHT



Pete Chiasson, left, is welcomed into the Wise Owl Club of Canada by Jose Blanco, manager of the Copper Cliff smelter complex.

The incident was a close call, Pete Chiasson admits, one that served to reinforce his appreciation for the value of safety glasses.

Last April, Pete, then a process laborer in the Copper Cliff smelter, was using an air driven plugger to remove refractory during a major overhaul of a roaster. Suddenly a chunk of brick flew up hitting the left side of his eye glasses. The impact was enough to shatter the lense. "It happened so quickly," he remarks, expressing surprise at the damage the glasses had absorbed in only an instant. Pete reported the incident to his foreman and returned to work when his glasses were replaced.

Recently, Jose Blanco, manager of the smelter complex, presented Pete with the certificate and awards acknowledging his acceptance into the Wise Owl Club of Canada. Having worked

underground, at the smelter and, presently, at the rolling mill, he knows the importance of wearing proper eye protection.



Lawrence Mirka holds axe and part of the cable that almost blinded him.

Lawrence Mirka, a driller at Froid mine, discovered that the appropriate prescription lenses do more than correct vision.

In June of this year Lawrence was working at the 2,400 level at Froid mine. He used an axe to cut a half inch slusher cable. A piece of the cable flew back striking the center of his left lense. The lense shattered completely but he was injury-free.

Lawrence was recently inducted into the Wise Owl Club of Canada, the organization that honors people who have had their eye sight spared by wearing protective eye wear.

Pete Ramsay realized the importance of eye protection five years ago at home where, as the slogan says, safety begins. He was loosening a turnbuckle



Peter Ramsey with the chipping gun and the perforated lense of his safety glasses that saved his eyesight.

between the pulley and the hook-up for his clothesline. The turnbuckle released, flew up and struck the right lense of his glasses. The impact etched a 3/4 inch gouge into the lense that saved his eye.

Last spring, protective eye wear once again came to Peter's rescue, this time on the job at the Clarabelle mill where he is a maintenance mechanic. He was using a pneumatic chipping gun to make an opening in a concrete block wall of an oil storage room. While working on a ladder with the chipping gun approximately at shoulder level, a piece of concrete block dislodged and smashed onto the left lense of his glasses. Once again a serious eye injury had been prevented.

Twice Peter's sight was saved. The circumstances and the locations were different. The common denominators were the sudden nature of the incidents and the lenses shielding that most precious sense.

C A R B U F F S

CLASSIC CARS HELP RAISE MONEY FOR COMMUNITY PROJECTS



The Whitefish Lions Club held its third annual Car Buff Weekend at Centennial Park in Whitefish in June. It attracted 94 show cars from throughout the province. Forty trophies were awarded to winners in several different

categories of show car competition. The highly successful event was organized by Inco pensioner, Reino Maki. Many of the Whitefish Lions are Company employees or pensioners.

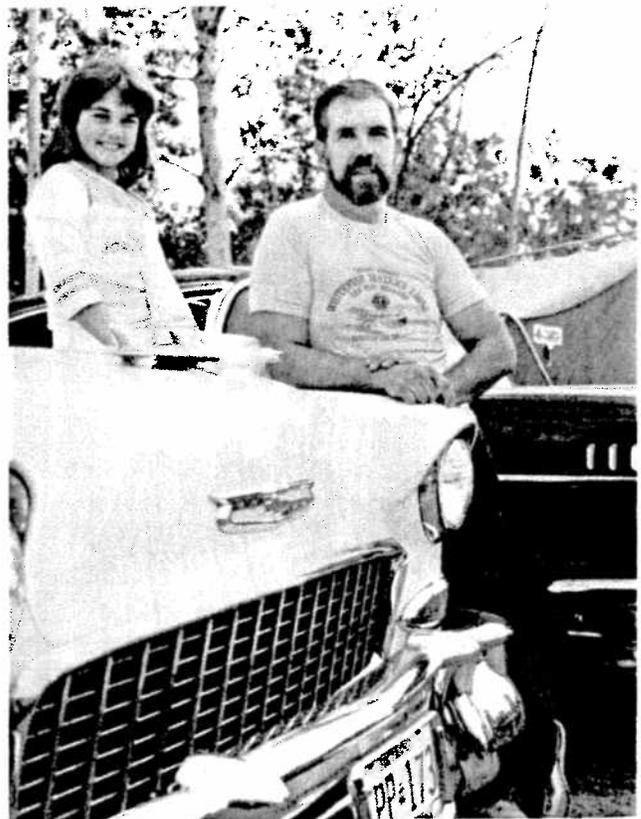
The Car Buff Weekend has developed not only into a fun weekend for automobile aficionados but also a major fund raising event for the club. The money earned through this event will be directed towards community projects by the Lions



Inco pensioner Bill Charsley shows off the engine of his 1935 Chevy coupe.



Bob Hopkins, a miner at Creighton mine, and his wife Irene sit in the rumble seat of his award winning 1928 Model A Ford.



Bill Dykes and daughter proudly display their source of automotive pride, a 1955 and a 1957 Chevy.

CANADA GEES E



Tom Peters, an Inco pensioner, helps with the release of Canada geese at the Copper Cliff tailings area.

SPECIAL TENANTS MAKE THEMSELVES AT HOME

The whole affair was conducted with little pomp and circumstance, something remarkable in that a good deal of effort was being put into introducing some special tenants to their new home at the CD pond of the Copper Cliff tailings area.

Forty-nine fledgling Canada geese were gathered at Toronto Island where the great numbers of these birds have made them something of a nuisance. Courtesy of the Ministry of

Natural Resources they were treated to a migration in reverse as they were placed in cages and flown north to Sudbury.

Anxiously awaiting their arrival were their new hosts, officials of the Copper Cliff Rod and Gun Club including club president Bob Ogston. He explains that club members felt they would like to sponsor a wildlife project close to home. Knowing that the reclaimed tailings area is considered a wildlife refuge, they

approached Inco with the idea of introducing Canada geese to it. The Company agreed and provided access to the area as well as materials for building crates to contain the birds.

According to Bob, the prevailing theory is that geese will return to the place from which they learn how to fly. The age of the oldest birds was three months, so none had yet grown flight feathers when they were brought to Copper Cliff.

It is possible, Bob adds, to keep the birds here permanently by feeding them throughout the winter. What one has then, he points, is a domesticated flock of geese: "We just wanted to bring them up and let them go. Hopefully, they'll find their way back next spring."

In addition to the pond and the wide open expanses of trees and fields, fresh grass was cut and piled at one end of the pond to feed the ever-hungry goslings.

The goslings arrived at the CD pond contained in several wire gabions. Moments before their release on that warm June day they gawked and blinked marvelling at the proceedings with true avian wonder.

One by one the gabions were opened. Each time a door was opened, the young geese stormed to freedom in their own little D-Day invasion. For several yards they sprinted until they realized that there was no pursuit. Then,

nonchalantly, they strutted along, looking this way and that, dabbing their beaks here and there until they reached the inviting coolness of the pond. They became a water-bound flotilla, slowly zigging and zagging about exploring their new domain.

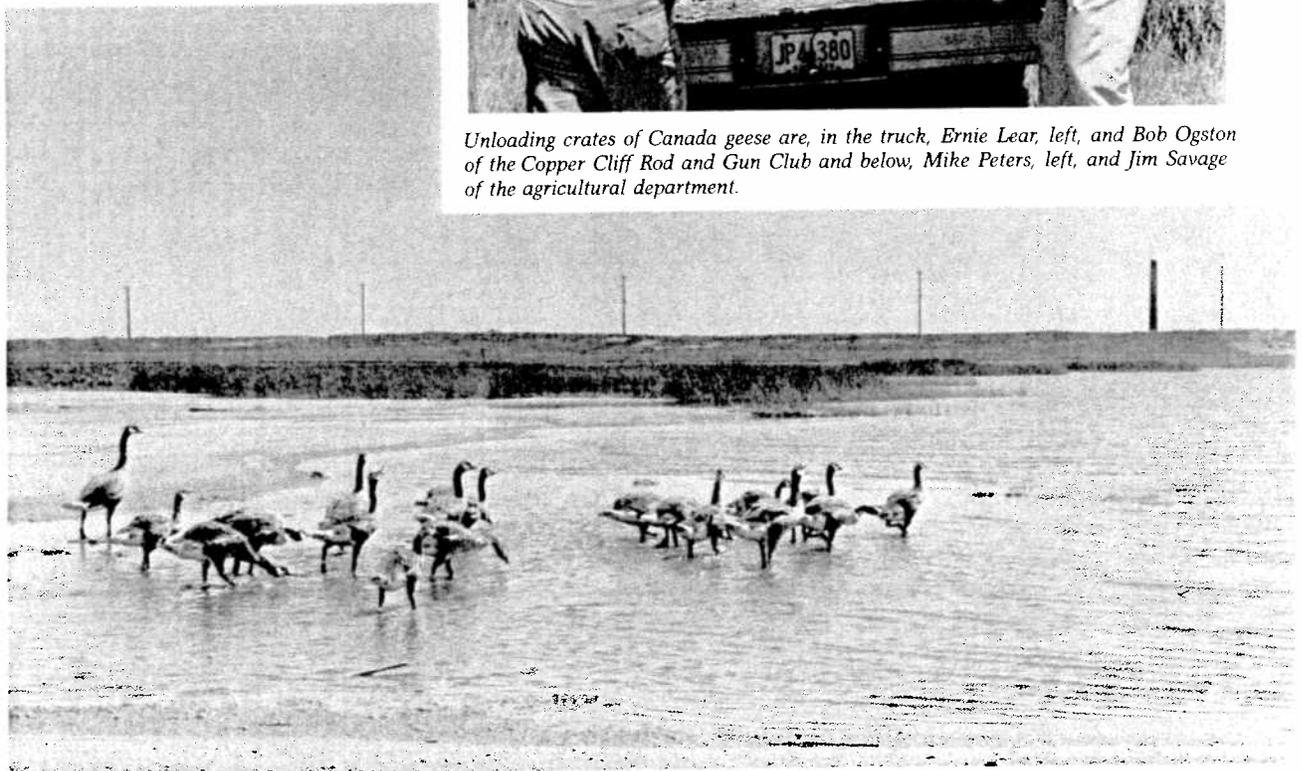
The people from the Copper Cliff Rod and Gun Club, Ministry of Natural Resources and Inco

agricultural department who had helped with the release, stood watching from the shore, hoping that once nature had taken its course, the geese would return next spring to make their home and raise their young at the pond.

Reports indicate that until now the young geese have stayed in the CD pond area and are doing well.



Unloading crates of Canada geese are, in the truck, Ernie Lear, left, and Bob Ogston of the Copper Cliff Rod and Gun Club and below, Mike Peters, left, and Jim Savage of the agricultural department.



Just released from the cages that held them during their trip from Toronto Island, the Canada geese dash into their new home at the CD pond.

C R E I G H T O N M I N E

BAG PIPES AT 6,800 LEVEL

The Creighton mine family day had something for everyone. There were bus tours, geology displays, computer games, refreshments, equipment displays, underground tours and a pipe band.

One of the highlights of the day was when the

Walden Highlanders Pipe Band played underground. This has got to rate as one of the few times that any musical group, let alone a pipe band, has ever played 6,800 feet below the earth's surface.



Members of the Walden Highlanders Pipe band performed on the 6,800 level.



The Pattenden family displays one of the honorary miner's certificates that were handed out to everyone that attended. In photo are, from left, Gary, his wife Evelyn and brother Jason.



Displays of mine equipment were popular with everyone, especially the children.



Terry Armitage, left, watches his daughter Shannon as she checks out an old fashioned transit under the direction of Larry Carriere.



Barry Bell, centre, shows Mike Peplinski and his son, Chris, a drawing produced by a computerized plotter.



Brent Holmes, left, explains the operation of portable noise monitoring equipment to Sean Murphy, centre and Rick Gladu.



Adam Kalviainen sits on his uncle Flemming Jensen's shoulders while Flemming's wife, Leena, adjusts his hard hat. Daughter Tania is content to adjust her own.

NEW TOOL HELPS TO ADVANCE BULK MINING

"The Eagle has landed," the miners at Stobie mine quip alluding to the new semi-portable crusher that has been operating on the 3,750 level over the last several months. The Eagle crusher, running smoothly and effectively after a test phase, is one more piece of machinery that promises to advance mining into the threshold of a continuous, bulk, low-cost operating era.

Much smaller than a permanent conventional crusher, the Eagle at Stobie mine requires an excavation that measures only 20 feet high, 50 feet long and 25 feet wide. Maintenance personnel erected the crusher and its associated electronics within three weeks.

Vertical retreat mining, with its improved fragmentation of ore, has made the introduction of the Eagle possible at Inco mines. The smaller pieces of ore can be handled by the portable crusher. Large chunks of rock require the heavy duty action of the big permanent crushers installed in the past.

Ore arrives at the Eagle crusher through a pass from the



A close-up view of the crusher's feeder.

2,400 level. A vibratory feeder installed ahead of the crusher permits the fines to be bypassed directly to the pass below, while the larger material is passed through the crusher. Its jaws (measuring 36 inches by 40 inches compared to 48 inches by 66 inches in a permanent crusher) reduce the material to under six to eight inches. The

crushed ore is then passed to the 3,900 level where it is conveyed to shaft. Current capacity of the crusher is 200 tons per hour.

Current production plans have the Eagle roosting in its current location until the fourth quarter of 1986. Then it will be moved to another level at Stobie.

The implementation of continuous mining systems

employing the Eagle crusher are now being studied at Stobie mine. One desirable application would be to have the Eagle located directly behind the continuous loader that would feed muck directly to it. This would permit the crushed product to be conveyed by belt to

the pass rather than being transported by a rubber tired vehicle, thus reducing the product cost. The use of conveyor belts to carry "run-of-the-mine" VRM muck feeding the portable crusher or to move ore from the crusher to transport areas is also being tested.

Two more semi-portable crushers will be brought into Stobie in the near future. Other Ontario division mines are currently assessing the application of the Eagle crusher to their circumstances.



John Jeanveau, crusherman, left, and Rino Tessarolo, maintenance foreman, inspect the newly installed Eagle crusher.

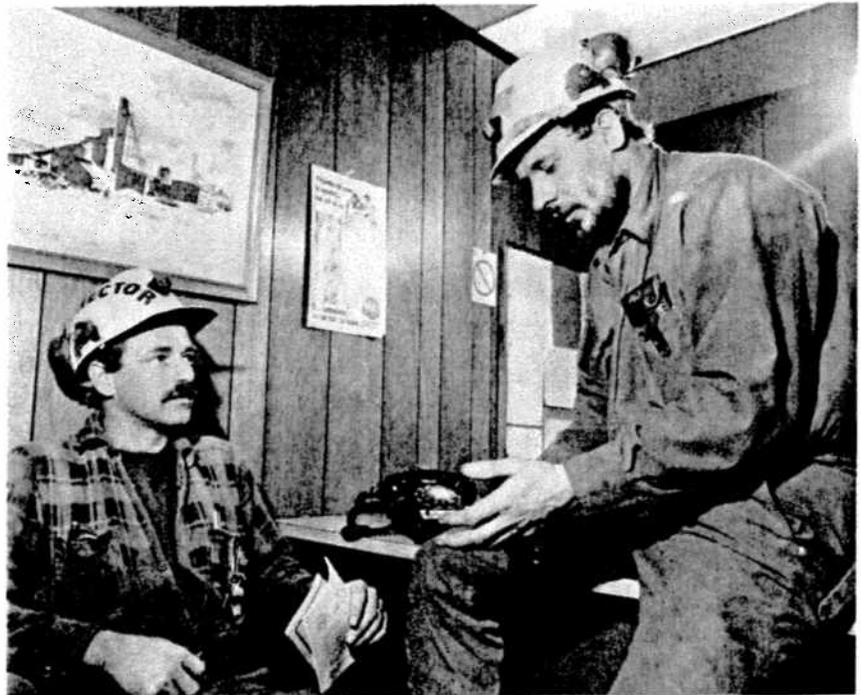
SUDBURY EMPLOYEES AND PENSIONERS ASKED TO HELP THEIR COMMUNITY

Last year Inco employees in Sudbury contributed a significant amount of money to the Sudbury United Way campaign. With the cooperation of both the Company and Local 6500 more than \$161,000 was raised for the 19 human service agencies in our community.

Again this year, Inco employees in the Sudbury operations will have the opportunity to show that they care about the community that they live in. During the week of October 21 you will be canvassed by your fellow employees to donate money - either a cash donation or through the payroll deduction plan.

This year's organizing committee has two co-chairmen: Pat Gallagher from the industrial relations department and Ron MacDonald, president of Local 6500.

"We know that the United Way helps a lot of people and doesn't discriminate against any of them," said Ron MacDonald. "It's an organization that has proven itself in other areas like the Soo and Windsor. The only way it's going to be successful in Sudbury is if it has the support of the



Volunteer canvasser for the United Way, Allan Ross, right talks with Hector Constantin at Stobie mine. Scenes like this will take place in October when the United Way in-house campaign gets underway at Inco during the week of October 21.

masses and we hope all our members will contribute to it."

The other co-chairman, Pat Gallagher, says similar things about the United Way. "It's important to remember that all the money that's raised in Sudbury stays in Sudbury. The

administrative costs for the United Way are very low so almost all of the money raised goes directly to the various agencies that are part of the United Way."

Both Ron and Pat stressed that the individual commitment of

employees is the key to the success of the campaign. The United Way doesn't have a door to door canvass, nor do any of the member agencies so this is your one and only time to make a donation.

Inco pensioners in the Sudbury district will also be given the opportunity to contribute. They have all been sent letters with information about the United

Way along with postage-paid return envelopes. These can be returned directly to the United Way with their donation.

This year about 200 employee canvassers will attempt to contact all employees that are in the Sudbury district. When one of your fellow employees asks you to donate please give from the heart - you will be helping many of your fellow Sudburians.



These youngsters at Le Centre des Jeunes are learning about their natural environment during a special summer workshop sponsored by the Centre. This agency, along with 18 other human service agencies, will benefit from your contribution to the United Way.

United Way Agencies

Big Brothers Association
 Big Sisters Organization
 Canadian Hearing Society
 Canadian Hemophilia Society
 Canadian National Institute for the Blind
 Canadian Red Cross Society
 Elizabeth Fry Society
 John Howard Society
 Le Centre des Jeunes de Sudbury Inc.
 Le Service Familial
 Newbery House
 Northern Regional Recovery Home for Women
 Pastoral Institute of Northern Ontario
 Rockhaven
 St. John's Ambulance
 St. Leonard's Sudbury House Inc.
 Sudbury Multicultural - Folk Arts Association
 Sudbury Family YMCA
 Genevra House YWCA



Members of the United Way in-house organizing committee are, front, from left, Ron MacDonald (co-chairman), Vern Ramsay, Karen Stagg, and Pat Gallagher (co-chairman); back row, from left, Herman Soltendieck, Julian Dionne, Ray Krieg, Bob Todd and Randy Taylor.

P O R T C O L B O R N E

EMPLOYEES AND PENSIONERS ENJOY 18

Approximately 100 employees and pensioners gathered at the Port Colborne Golf Club to take part in the Company golf tournament.

They started the morning off

with a buffet breakfast and then assembled for a shot-gun start. After playing 18 holes of golf there was a sumptuous buffet lunch served about mid-afternoon.

The event was organized by pensioner Les Lewis who put in a word to the weatherman and was rewarded with near ideal weather conditions.



Ray Leslie, left and John Rickard watch John Sullivan putt out.



Keeping a sharp eye on their score card are, from left, Jack McQuire, Pep Roe, Dennis Green and Gerry Grawey.



There's nothing like 18 holes of golf to give you an appetite as evidenced by the way this crew is digging in. They are, from left, John Vittore, Umbo Concessi, Carlo Martine and Doug MacVicar.

SUGGESTION PLAN

Due to space limitations we are not able to publish all the names of suggestion plan award winners. This edition of the suggestion plan saw 99 suggestions earn a total of \$11,666.



Mike Miscevic, left and Ron Menard split \$1,740.

- \$1,740 **Ron Menard and Mike Miscevic** of the **Copper Cliff smelter** solved a dust spillage problem that occurred when hopper cars were being filled with dust from the number three cottrell. The modifications they detailed proved to reduce labor and maintenance costs as well as enhancing safety and environmental aspects of the job.
- \$1,185 **Gilbert Spencer and Ray Guignard** of the **Clarabelle mill** suggested a way that body brackets for Tyler screens at the crushing plant can be rebuilt rather than replaced. Material savings were realized as a result of their actions.
- \$565 At **Little Stobie mine**, **Rheal Prevost and Onesime Laurin** detailed a method by which parts of the Joy DHD hi-flow air valve can be repaired to realize material savings.
- \$325 **Douglas Bardell** of **central utilities** recommended that the Edwards alarm panel battery pack, each consisting of 20 batteries of 1.2 volts and varying capacity, be replaced with a pack consisting of four, six volt L-power gel cells to reduce battery costs.
- \$315 At the **Copper Cliff smelter**, **Claude Degagne** put forth the idea of electrically heating brick saws to eliminate delays during winter operations associated with thawing out saws and to reduce costs involved in the use of anti-freeze.
- \$305 **Paul Roy** of **Creighton mine** found a way of reinforcing and extending the life of the support frame of the oscillating axle on JS-500 scooptrams. His proposal cut labor and material costs.
- \$255 A cost saving proposal was issued by **Don Leblanc** of the **Copper Cliff copper refinery** concerning plastic containers used for sampling. Rather than disposing of them after being used once, as had been the custom, he suggested that they be washed in a mild soap solution and reused.
- \$250 **Patrick Fragomeni and Harry Patey** of the **Frood-Stobie mill** developed an improved method of changing crusher drop pipes that reduced downtime and labor costs.
- \$235 At **Levack mine**, **Robert Wood and A Sirola** suggested the use of a lock plate to make tightening motor mounting bolts during an inspection a less labor intensive and, consequently, cheaper operation.
- \$230 **Chris Simister** of the **Copper Cliff nickel refinery** received an additional award for his suggestion concerning the rewiring of a main logic board of a packaging unit.

S U D B U R Y P E N S I O N E R S



IN TOUCH GOLFERS PREVAIL OVER WEATHER

Dark clouds, mist and pouring rain greeted 163 golfing pensioners on the morning of August 13 the date of this years IN Touch Pensioners' Golf Tournament. The weather, however, did not deter people from arriving at the Lively Golf and Country Club where the tournament was being played.

Almost everyone who signed up for the day showed up, even though the rain was too heavy to play in. The golfers were rewarded for their enthusiasm as the rain let up and the sky cleared about 20 minutes after the scheduled tee off time of 8:00 am.

From that time on things only got better as the sun came out and cleared away the mist and the cool temperature. The first foursome was on the course about 20 minutes later and everyone agreed the wait was well worth it.

When the last putt was holed and the last score carded it was Walter Marcolini who captured the low net trophy while Leo Groulx won the low gross award



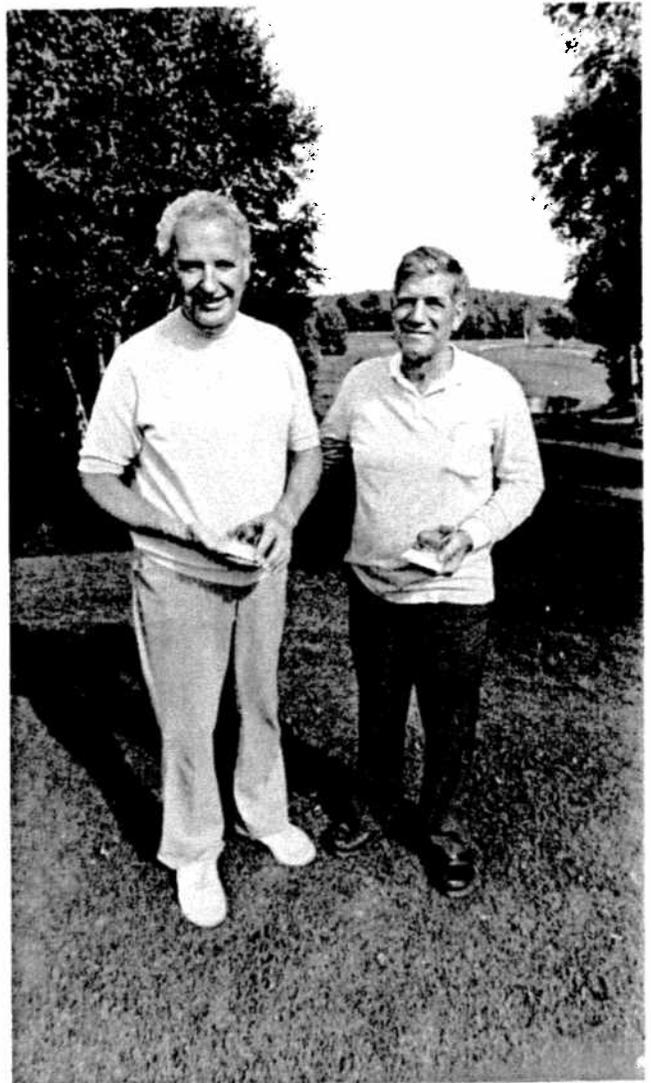
The time consuming job of tallying up all the scores was handled by from left, Bill Thorpe, Jim Grassby, Mel Whittles, Stan Coagie and Vern Johnston.



This foursome of, from left, Jim O'Riordan, Rusty Duberry, Eddie Palmer and Stan Bryson were on their way to the 19th hole when they posed for this photo.



Watching Leo Groulx putt out are, from left, "Mouse" Zanatta, Bill Aronec and Walter Marcolini.

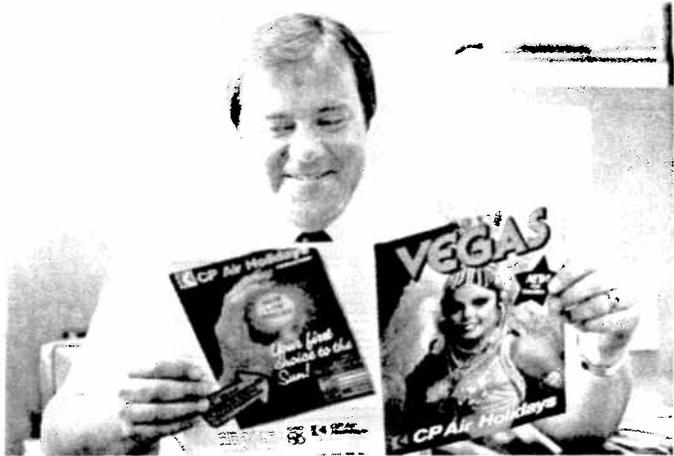


Low net winner Walter Marcolini, left and low gross winner Leo Groulx pose for a photo on the picturesque 10th tee of the Lively Golf course.



Everyone agreed that the dinner served really hit the spot after the 18 holes of golf.

PEOPLE



Harry Will of the time office in Copper Cliff was all smiles prior to his departure for Las Vegas in July. He won the trip to the gambling capital in a draw held by the Big Brothers Association following the Bowl for Millions campaign.

Vegas Bound

Each individual who collected pledges for the Big Brothers' annual Bowl for Millions campaign received one chance in a draw for a trip to Las Vegas for every \$20 collected. The winner of the draw was Harry Will of the Copper Cliff time office. Never having visited "Vegas" before, Harry and

his wife had a very enjoyable four days in "Vegas" in early July.

The Big Brothers Association has a long list of boys awaiting big brothers. If you are interested in becoming a Big Brother, please contact Bill Morton at 682-5300 or the Big Brothers Association at 673-6161.



From left, Phil Pharand, Gary Delorme and Wayne Marois, all members of the utilities fishing derby committee, handle the weigh-in chores while Denis Jenson, a stationary engineer at Creighton mine awaits the verdict.

Derby Results

With over \$2,000 in prizes up for grabs 57 competitors in the annual utilities department fishing derby took to the waters of Vermillion Lake on May 25. They trolled and still fished and threw out an incredible assortment of lures and baits hoping to land the big one that would win the title.

When all the fishermen had returned to shore, the scales settled the matter of who had the biggest fish, though they could do little about "the one that got

away." Claude St. Louis of the sulphur products department claimed the \$100 cheque for first prize. He also contributed significantly to the sulphur products department supplanting the oxygen plant as team champions. Ron Simpson was presented with the sportsman's award for his efforts in the derby.

Following presentation of prizes and awards, participants were treated to a buffet dinner, the end to a successful derby.



Overall champion of the 1985 utilities department fishing department was Claude St. Louis of the sulphur products department shown here hauling his considerable catch in to the weigh station.

PEOPLE

Safety department golfers

Application of a tie breaking formula gave Kurt Fuerness, a plant protection officer, top spot in the championship flight of the 21st annual Inco safety department golf tournament held at the Lively Golf and Country Club in June. He, along with Paul Lacourciere and Ron Corelli had finished the 18 holes with a 79.

Over 100 golfers participated in the event which featured prizes and a meal. Honorable mention goes to winners of the other flights Dick Johnstone, John Slade, Rick Ross and Gerry Rancourt.



From left, **Ron Gauthier**, a plant protection officer, makes a drive while his partners **Rudy Toffoli**, of Stobie mine, **Bill Carlyle** of the Copper Cliff mill and **Ron White**, an Inco pensioner, look on during the safety department's annual golf tournament.

Divisional Shops Golf

The Cedar Green Golf Course in Garson was the site of this year's divisional shops golf tournament. A meal and prizes awaited those who negotiated the fairways, greens and sandtraps that challenged

their golfing skills. The perennial champ, Henry Lewandoski managed to end the day with the low gross, he was dethroned in the low net side of things by Willie Matson.



Zeke Farrow, left, a machinist and **Dave Roberts**, a former Inco employee, share a laugh during a break in the divisional shops golf tournament.



Bud MacDonald, material coordinator at the machine shop, lines up a putt.



PEOPLE

Soroako reunion

Approximately 70 families participated in a Soroako reunion held in Sudbury during August at Carol's Campsite. Soroako is a small town on the island of Sulawesi and is the base for Inco's Indonesian operations. The people who attended the reunion had worked at Soroako at some point in their career.

The two-day event included a blooper ball

game, a hash run, a golf tournament and a horseshoe tournament.

One of the organizers of the event, Tony Warner, superintendent of special projects in the smelter's technical services department, said the most of the people at the reunion were from Sudbury but there were also representation from other parts of the Inco operations.



John Gill, second from left, paces three unidentified runners during action at the reunion hash run.



The Junior Boys National Champions are, from left, Graham Squirell (coach), Kirk Armstrong, Garry Squirell, Mark Taylor, Brent Taylor and Brent Grover.

Bowling champs

The junior boys team from Pinehill Bowl in Lively won the Canadian Junior Boys National Championship in Burnaby, B.C. recently. The gold medal winners were coached by Graham Squirell who works in the mines engineering department at Creighton mine.

"There were only 14 junior boys in the program

at Lively so it was quite an achievement," said Graham. "I think that this was the smallest program in terms of number of people."

The Youth Bowling Council has approximately 130 children enrolled in the bowling program at Lively Pinehill Bowl. They bowl every Saturday from September until June.

Snow golf

It probably won't be long before the ground is once again covered with snow. At that time most golfers have put away their clubs for the winter but when Reg Foulser retired from the field exploration department last winter he just couldn't resist trying out his retirement present.

Knowing Reg was an ardent golfer, his co-workers presented him with a

complete set of new golf clubs with all the accessories. Even though it was the middle of winter Reg gladly posed for his picture outside.

Since most of his career was spent exploring Arctic prospects he didn't give the 40 below temperature a second thought. There was even a rumor circulating that he thought it was ideal for a few holes of golf.



Reg Foulser didn't let the snow interfere with his golf game when he retired last winter.

PEOPLE

Antique Ashtray



Ed Smith, an Inco pensioner, holds an ashtray that was issued to commemorate the first anniversary of the Inco Club in 1939.

Ed Smith, an Inco pensioner living in Port Colborne, took time off from his vacation in the Sudbury area to show us an interesting souvenir. It is an ashtray issued in March, 1939 to patrons of the Inco Club to commemorate a special first anniversary celebration.

Ed recalls the ashtray being given to each one of the male guests in attendance. The ladies were given corsages that night. "It's history now," he remarked about the ashtray and the Inco Club as former employees remember it. "There's none around as far as I know."

Big soccer event



Action from the Fifth Annual Sudbury Hawks Soccer Tournament held in Sudbury in August.

Over 1,800 youngsters ranging from 8 to 18 years of age took part in the fifth annual Sudbury Hawks Soccer Tournament held at the Lily Creek Field Complex over the Civic Weekend in August. It attracted 75 teams in nine different age categories from throughout the province making it the largest soccer tournament in Northern

Ontario. Members of the organizing committee for this very successful event include Inco employees Gino Cacciotti, Tom Ryan and Rick Barrett.

While Sudbury teams fared well, only one captured a gold medal. That was a minor peewee club coached by Frank Malvaso, husband of public affairs assistant Colette Malvaso.



A jubilant bunch of Sudbury Spartans enthusiastically celebrate their record setting fourth consecutive league championship. Somewhere in this scene of joy is Hugh Riddle, a defensive tackle and a foreman at the smelter. The Spartans are coached by Sid Forster, superintendent of public affairs.

Spartans make it four

In August Sid Forster's Sudbury Spartans won their fourth league title, a record hitherto unmatched in the annals of the Northern Football Conference. The local boys accomplished the feat by downing the Oakville Longhorns 27-25 in a heartstopping game played at Queen's Athletic Field in Sudbury.

The Spartans held a 27-19 lead when the Longhorns stormed back to score a touchdown with only 19

seconds left on the clock. Oakville had to attempt a two point conversion to tie and send the game into overtime. A Longhorns running back plunged forward only to be tackled at the one yard line by Bert Irvine and Scott Spurgeon. As the fans assembled breathed a huge collective sigh of relief, the Spartans strode into the NFC history books as one of the best gridiron squads ever assembled.

PEOPLE

Matte processing golfers

The matte processing department held its annual golf tournament at the Pinegrove Golf Club south of Sudbury in August. Seventy employees, pensioners and guests took part in the event. Butch Vaillancourt of the matte processing department won

the tournament and the top prize, a sheepskin lined suede coat. Lawrence Mochizuki was runner-up.

An awards banquet followed the day of golf. Sources say that a number of interesting incidents took place.



Del Gates, an Inco pensioner, sinks a putt as, from left, John Jarus, Ray Moskalyk and Rolly Desjardins give their approval.

Best peewees

When Bill Luciw says his Regent Pinto girls peewees put forth a good effort this past season, he might be understating things a wee bit. Not only did the girls finish first in their league

and win a tournament in mid-season, but they also rallied to win the league championship. Many of the players are daughters of Inco employees.



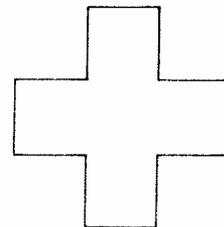
Members of the Regent Pinto peewee championship team are, front row from left, Tiffani Fletcher, daughter of Shayne Fletcher, an electrician at the smelter, Kelcey-Ann Burton, Christina Battistoni, Eila Frantila, Susanna Crispo, Renato Luciw, daughter of Bill Luciw, Patricia Preston; back row, from left, Frank Desimone, assistant coach, Paula Dailey, Cindy Rossina, Paola Signoretti, Krista Cox, Gina Caldarelli, Christi Smith, Cindy Desimone, Bill Luciw, coach and maintenance foreman at the smelter. Missing was Amy Tosato.



Employees at Creighton mine took part in a Red Cross blood donor clinic held at the complex in August.

Creighton donors

The Red Cross re-established its campaign of in-plant blood donor clinics at Creighton mine in August. Sixty employees stepped forward to give the "gift of life." The organization plans to continue the clinics at Creighton mine on a twice-a-year basis to coincide with Christmas and summer holidays.



PEOPLE

Highgrade tomatoes

A year or two ago Cerillo Sacchetto was given some special tomato seeds. They were from a new strain of tomato plants that had been the object of experimentation by some university students. After

having planted the seeds, he found the plants to grow much taller than the average tomato plant. They, helped by his attentions, produce greater quantities of large fruit than normal.



Cerillo Sacchetto of Creighton mine is surrounded by a bumper yield of tomatoes.

Big apples

While many gardeners curse the weather, insects and just plain bad luck, there are those whose "green thumbs" escort them through the vagaries of horticulture relatively unscathed. One such

individual is pensioner Leo Toffoli. This season he saw his garden at his home in Azilda yield bumper crops of apples and tomatoes. He says he hasn't seen the likes of it in 40 years.



Leo Toffoli, an Inco pensioner, is proud of his bumper crop of apples.

Brass Bell Event

Eighty golfers took to the links in the transportation department's seventh annual Brass Bell Golf Tournament held at the Pinegrove Golf Club on August 25. The over-all champion was Willy Belland of janitorial services.

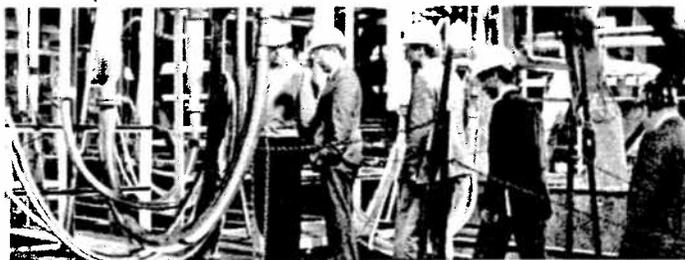
The Brass Bell trophy and the "Master's" green jacket can be won only by an employee of the transportation department. This year that individual proved to be Leo Beaudreau, conductor.



George Therriault, a conductor, made a drive that had everybody searching for the ball including, from left, Dave Hartling, engineer, Doug Christink, engineer, and Don Bell, of the smelter, along with son Jason.



Graham Ross, left, Inco's director of safety, health and environmental control in conversation with William Wrye, the Minister of Labour for Ontario. The Minister recently toured Inco operations in Sudbury and was underground at a Creighton mine refuge station when this photo was taken.



James Bradley, Ontario's new Minister of the Environment, recently toured the Copper Cliff smelter. In photo Tom Antonioni, left, explains the operation of a reverberatory furnace to the Minister.



Reserved Scholarship Competition for Children of Canadian Employees & Pensioners 1986 Awards

Up to twenty scholarships will be awarded in the 1986 competition. The awards have possible tenure of up to four academic years and annually provide tuition and associated academic fees up to a maximum of \$1,500 and a grant of \$750 for other expenses.

ELIGIBILITY

Children of Canadian employees and pensioners enrolled in a program of studies required for university admission who will graduate with a secondary school diploma in 1986.

SELECTION

An independent committee of high school principals will select award winners on the basis of scholastic records, SAT/TSWE scores and information supplied by the applicant and the high school. The names of the winners will be announced in mid-August.

APPLICATION

Scholarship application forms and SAT/TSWE registration material may be obtained from local schools or from:

Administrator
Scholarship Program
Inco Limited
P. O. Box 44, 1 First Canadian Place
Toronto, Ontario M5X 1C4
(416)361-7844

APPLICATION DEADLINE: JUNE 30, 1986

SAT/TSWE TEST DATES:

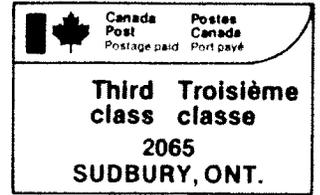
TEST DATES
December 7, 1985
January 25, 1986
March 15, 1986

REGISTRATION DEADLINE

November 1, 1985
December 20, 1985
February 7, 1986

PENSIONERS' AND EMPLOYEES' IN MEMORIAM

NAME	AGE	DIED	SERVICE
BEDNARZ, Bronislaw	66	September 6	25
BOIVIN, Francois	71	September 1	27
BONTINEN, Arvo I.	79	August 19	48
BOUTIN, Bernadin	56	August 15	15
CAMILLERI, Carmel	65	September 10	29
CHELLEW, Thomas	75	September 13	39
CUSHING, Kenneth	57	September 2	28
GRANT, Charles E.	69	September 4	24
GRAVELINE, Raymond	70	September 17	28
HENRY, Alphonse	67	September 3	31
JUNEAU, Lawrence	72	August 21	33
KANYO, Julius A.	56	August 30	31
KASUNIC, Vid	90	September 17	15
KLINGEN, Leonhard	71	August 19	26
LABELLE, Edouard	59	August 23	31
LANTEIGNE, Neil	60	August 18	33
LEGAULT, John B.	60	September 11	38
LIPSCOMBE, Harry A.	80	August 31	34
MACDONALD, J. Donald	77	August 29	37
MACMILLAN, Charles J.	71	August 26	34
MCGOWAN, Muir	82	August 2	32
MCINTYRE, Robert	72	September 4	22
MCLAUGHLIN, Fred W.	78	August 23	35
MIOR, Renzo	44	September 8	26
MIZUIK, Jack	73	September 2	19
MULDOON, Albert J.	67	August 27	30
RACINE, Delice R.	52	September 7	30
ROSSI, Carmelo	70	August 19	27
SOMRAK, Frank	91	September 8	29
STECJUK, John	61	August 30	26
WETICK, Nick	66	August 22	40
WILSON, Harold J.	65	August 14	39



Moving?

Let us know your new address by filling in this form. Please include your old address label with it.

My New address is:

Mail to:
The Triangle
Inco Limited
Public Affairs Dept.
Copper Cliff, Ontario
P0M 1N0

Name _____
Address _____



News Tips

The Triangle is always interested in hearing from any employees or pensioners who have story tips or suggestions for future issues. If we use any of them in the Triangle we'll send you a Triangle pen for your efforts. It is not possible for us to acknowledge all story tips but you will be contacted if we need more information.

Name _____
Address _____
Phone number _____

Send your tips to the Public Affairs Dept.

My tip is

