



Who's that digging in our yard?  
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# INCO Triangle

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## Lougheed: "Goliath" makes giant gesture to Laurentian

Is Inco a Goliath, an insensitive philistine?

Recounting Inco's many contributions to the community, Laurentian Hospital Cancer Care Services campaign chairman Gerry Lougheed Jr. didn't think so.

"It is the Friendly Giant," he said.

Noting that Inco Limited has set a "benchmark of generosity" for the industries to emulate, Mr. Lougheed thanked the company for its \$500,000 donation to the Cancer Care Services campaign and called the gift a "brief and shining moment in the hospital's history."

With Inco Limited Chairman, President and Chief Executive Officer Don Phillips and Ontario Division President Mike Sopko watching from the head table, Mr. Lougheed said last month that the name "Don" means "World Chieftain," indicating Inco's leadership in good corporate citizenship.

The cheque, presented to Mr. Lougheed by Mr. Phillips, was in the form of a 15-pound

nickel strip. The donation was one of the largest Inco has made to any Ontario medical institution and the largest single donation made to the local campaign. Not yet half-way through the three-year campaign, the hospital has already received pledges and gifts totalling \$5.4 million of the \$5.5 million target.

In making the presentation, Mr. Phillips said that cancer care, treatment, research and educational programs were immediately required for northerners.

### Highest incidence

"I understand that the incidence of new cancer cases in Northeastern Ontario is the highest in the province and that

more than 2,800 new cases of non-skin cancer, for instance, are expected here in 1991. Two years ago, I am told, more than 800 cancer patients in Northern Ontario had to endure long waits to get hospital assessment and then had to travel long distances south to receive care and yet, despite all this, Northern Ontario is the only major area in the province that does not have comprehensive cancer treatment facilities to serve its 450,000 residents."

"For these reasons and more, he said, I consider our participation in the Laurentian Hospital Cancer Care Services Campaign as a vital expression of our social responsibility as a

*Continued on page 11*

## No Triangle in July

We'll be closing shop here at the Triangle during the shutdown, so there will not be a July issue. We'll be back in print in August. Thanks for your interest and encouragement over the past year. Have a good, safe holiday.



## Flower Power

You can clearly see greenhouse technician Gino Naccarato has a way with beautiful things. He's watering some of the 50,000 bedding plants destined for the beautification of Inco properties under the admiring attention of core staff member Melissa LeBorgne and summer student Karin Bell. Some guys have all the luck.

## Mines ministers to meet in Sudbury

Sudbury has been selected by Jake Epp, federal Minister of Energy, Mines and Resources, and Ontario Mines Minister Sean Conway, to host the 46th annual Federal-Provincial Mines Ministers Conference, August 29 - 31.

"I am very pleased that the government has recognized all that Northern Ontario has to offer by selecting Sudbury to host this important conference," said Sterling Campbell, Sudbury MPP. "I am sure that the people of Sudbury will welcome conference delegates from across the country with their usual Northern Ontario hospitality."

With the theme "Mining and Exploration Research: Maintaining the Competitive Edge", the Sudbury conference will be one of the few occasions that Canada's mines ministers have met outside a provincial or territorial capital.

Sudbury is a particularly appropriate location for this year's conference, according to authorities. The mining industry in Sudbury is a recognized world leader in the application of sophisticated technology, and organizers will be able to draw on extensive facilities available

to them in the Sudbury area.

To be held at the Sheraton Caswell Inn, the conference will involve delegates from federal, provincial and territorial governments as well as senior representatives from the mining and exploration industries.

Several municipalities, industry and labour organizations are also scheduled to present major briefs.

During the three-day conference, ministers and delegates will explore issues such as technological development, health and safety, community liaison and environmental concerns. Efforts to increase public awareness of the modern mining industry will also be high on the agenda.

"These conferences give ministers and other delegates from across the country an opportunity to exchange ideas on national policy issues of concern to all of us," said Mr. Epp.

"The mining industry is facing increasing challenges, and a collaborative effort on the part of mines ministers across the country is necessary to meet those challenges successfully," added Mr. Conway.



## Tomorrow's Miners?

Andrea Erickson, six, Todd Candie, and Amy Brennan, both seven, examine a piece of rock for that tell-tale sign of gold, silver, or anything else worth mining for. The three were part of a month-long school mining study. For story and more pictures, see Page 3.

5 Rescue suit tested

8 The home that Joe built

13 They came back to the Cliff

## Inco specialist earns mining medal

Senior Hoisting Specialist Largo Albert has given a lift to mining for the past 43 years. This year, the industry decided to return the favor.

In recognition of his outstanding performance in the field of hoist safety, Largo has been awarded the prestigious Donald J. McParland Memorial Medal by the Canadian Institute of Mining and Metallurgy.

He was presented the medal on May 2 at the Institute's annual meeting in Quebec City.

Largo's rise to master electrician and senior engineering technician began with correspondence school, a route that demands an inordinate amount of self-motivation and determination. A long list of subsequent trades training includes everything from hydraulic systems and automotive electrics to microprocessors.

After extensive mining experience in places as far away as Saskatoon and Regina, he signed on with Inco's Ontario Division as a hoisting specialist in 1969 and has held the post ever since.

During his years in mining, he's been successful in placing at least 10 mining plants into production, including Inco's Coleman, Stobie (two plants), Copper Cliff South Mine, Shebandowan, and Crean Hill.

He developed a "hoist safety

course" and provided training to 800 trades people, supervisors, U.S. and Canadian government inspectors, and university students. The only one of its kind in North America, the course is still ongoing.

In 1979, he found and corrected a major weakness in mine hoist rope attachments, a safety related problem common to all hoists in North America using the Crosby clip and thimble attachment.

Among other achievements, Largo has commissioned 16 mine hoists, presented many technical papers about hoisting in magazines and journals, prepared rope changing procedures for the deepest friction hoists, provided technical ser-

vices to mining people and consultants on matters relating to hoist operations and design on a worldwide basis, and founded the CIM maintenance/engineering section in Sudbury.

Largo's interests have gone beyond mining, and he's used his skills to help bring about community projects ranging from the building of churches to installing skating rinks.

While in Manitowadge, Ontario, he founded the Community Antenna Television System and operated the system until 1965 as president of the system. The contribution to the community was done voluntarily with no remuneration to "provide a better life for the residents of a very isolated community of 4,000 people."



Largo Albert proudly displays his medal.

### New meaning for "front line" supervisor?

A supervisor at Bruce B had a narrow escape when a 30-pound pulley crashed through the suspended ceiling of his office in the Control Maintenance shop, hit his desk and bounced off his chair.

Jack Twolan, a shift maintenance supervisor who lives in Kincardine, had just got up from his desk when the incident occurred. Twolan was shaken but unhurt.

The OPP and Hydro Security are investigating the incident.

from Ontario Hydro's publication, Hydroscope

### Inco has been increasingly involved in community life. Is it a good thing and should it continue?



**Barney Santarella**, storeman at the Port Colborne Refinery: "I feel lately that Inco has been doing very well in the community. It's important for a community to have industries like Inco to help out the city to better itself because we all live here. I know in Port Colborne people appreciate Inco because it (the company's contributions) makes this a better community."



**Gates Marquis**, yard and shipping foreman at the Port Colborne Refinery: "If we can finally afford it, we should be doing more for the community. The company has really improved its image in the last few years and it's a great thing to see. For too long, we had a bad press and that we're destroying the world. We're doing some positive things and we should be getting a good press now."



**Clarence Grant**, mason at the Copper Cliff Smelter: "We should keep on doing it. It means a better image for Inco and worth all the money spent on it. I think we're doing as much as we can."



**Peter Lorenzin**, bricklayer, Copper Refinery: "I think it's important that we do it. I don't know if it does much for the company, but it certainly helps the country and the community. I suppose it's good when people from outside think highly of the company we work for."



**Bob Brunette**, cleaner, engineering building: "I think it's great, a good idea. Inco always did help out in the community with hospitals and schools. We've been doing that for quite some time."



**Denis Robichaud**, Frood apprentice maintenance mechanic: "Definitely. It's not just people from outside that benefit. The employees benefit as well. I don't think it hurts Inco. It gives us good press, a good public image. They'll probably come up with even more new ideas."



**Pirkko McCauley**, Frood Stobie Mill Clerk: "Sure. It's great public relations. It gives Inco a higher profile in the Region. Oh yes, I think they should keep at it. It makes us a good corporate citizen."



**Norm Asselin**, carpenter, Copper Refinery: "Yes, it's a good idea if you're talking about right now in the good times. But not in the poor days, in days when we're not prosperous. I think it's good to support good causes when you have the money to do it. I don't see anything wrong with that."



**Peter Fabricius**, senior environmental analyst with Occupational Health: "It's definitely a good idea. It shows good corporate citizenship and it benefits our families as well as others in the community. I think the company is doing a good job."



**Ron Garbutt**, instrument man, Engineering: "Sure it's a good idea. We are supposed to be part of the community. I'm not sure we should be doing more of it, but I think we should get more involved in education. That's where the work-force of the future is coming from."



Erika Hughson, 7, punches in for hard day at the mines.



Here's the Vanco Mine Crew #1 in front of its mining poster.

## Mining school opens at George Vanier Mine

**Q.** Why do you wear helmets in the hallway?

**A.** Because that's the drift and rocks might fall down in the drift and hit you on the head and kill you and then you'll get fired.

**Q.** What's a drift?

**A.** That's where, if the rocks fall down, you could get killed.

**A.** . . . and get fired . . .

**Q.** What are the cards tacked to the door?

**A.** That's where we punch in and punch out. If we come in late, we get paid less.

**A.** . . . and get fired . . .

They may not be full-sized, but the mining trainees in George Vanier Public School's Grade 1 and 2 class can keep up with the best of Inco in the enthusiasm department.

At the end of a month-long mining education project for the youngsters, most had a better understanding of life in a mining community than kids three times as old.

"Living in a mining community, it's very important that these kids know what mining is all about," said teacher Sandy Allan. "About two thirds of their moms and dads work at Inco, and they should know just why mining is important to them and their families."

### Mock mine

The youngsters, most aged six and seven, have spared no effort in transforming their classroom into a mine. Rock formations made with paper and paint lined the walls, and the entrance to the classroom was a creation that made a visitor want to put on his hardhat.

"I'd like to try out a scoop-tram," said David Pearson. "I'd love to smash some rock."

According to Amy Brennan, seven, miners can't be afraid of the dark. "Besides," she said, "they've got to have their lamps on their hats."

They're not scared of the dark and a show of hands revealed almost all would be eager to visit a dark mine.

There's always the lunchroom, they said.

"Rocks can't hit you there and fire can't hurt you. The lunchroom can't burn," explained Jessica Scharf, "because

it's made of rock."

A good show of hands revealed an enthusiastic batch of future employees.

"Miners make lots of money," said one youngster. "I know. My Dad's a miner. He makes lots of money."

Ryan Karn figures there's got to be guards at the entrance "so miners can't sneak nickel out in their pockets."

Most of the girls insisted they could be as good a miner as the guys, a point disputed by the boys.

Girls, they said, aren't strong enough.

The month-long project was designed not only to give youngsters an idea of what miners do and the importance of mining to the economy, but also to familiarize them with what it will be like to work for a living.

### Play money

Play money was used for paydays and the students had to earn their money by attending their lessons.

Inco got involved early in the project by sending a representative to the school to tell the kids what Inco is all about. Hardhats were also provided for the first week of the project and the youngsters were given a tour of the copper refinery.

"They picked up a lot of information," said Mrs. Allen. "The biggest problem was getting information. It was very difficult to find information that was written for their level."

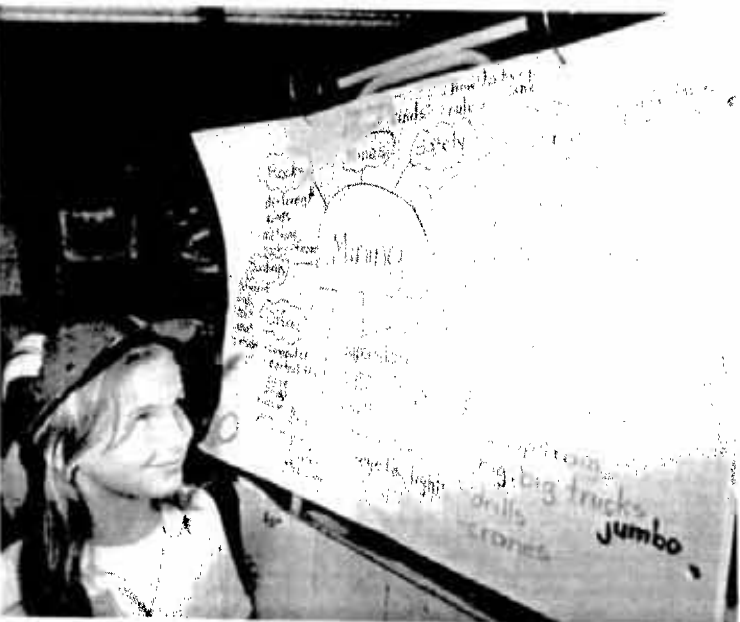
Besides the sheer size of the local mining operation, a major surprise for the youngsters was how fast their "pay" slipped through their fingers before they could get a chance to spend it.

"A lot of the kids hear how much their parents make at Inco and they think it's a lot of money," said Mrs. Allen. "But when we paid them (with play money) we took all the deductions off and the kids were in awe."

"They couldn't believe how much of the money they earned they couldn't have."



A traditional miner's pose: note the authentic lunch pail.



Melissa Bug studies the ins and outs of mining.



Lebo Nicol, 8, with his model of a Euclid truck.

## \$3,000 idea takes the weight off Boris' mind



Boris Lariviere with the hydraulic piston he suggested to make the job easier, safer.

Boris Lariviere says he always gets nervous when he has tons of steel hanging over his head.

That's one reason the Creighton maintenance leader came up with the idea of redesigning the equipment and rethinking the procedure for replacing the toggle seat on the huge underground crushers.

The other reason was \$3,000 Suggestion Plan cash.

The old method demanded brute strength and a lot of caution, swinging the huge, two-ton swinging crusher jaws out of the way with a chain block to free the toggle and toggle seats.

"I've done this many times before," he said, "and it always crossed my mind that I had two tons of steel over me. Safety was my big concern, but there is a saving in time and hard work as well."

Boris' idea was to install hydraulic pistons, made in-house, to push the jaws ahead to release the toggle. "This way, nobody needs to be standing nearby," he said.

He doesn't know how he arrived at the idea after all the years working on crushers. "I don't know," he said. "The idea just came to me."

He's not new to the plan.

"I've had lots of them before, high ones, too," he said. "I can't remember how many, maybe a dozen or so."

The 59-year-old Inco employee of some 36 years plans to retire "pretty soon," but said he still feels like working for now.

"Maybe it's not the job so much, but the people that keep me here. We have a bunch of good guys here, one big happy family."

## Purchasing tops 2.8 suggestions per employee

First quarter figures show that large operations such as the Smelter Complex continue to be the cashflow powerhouse in the Suggestion Plan's success. But let's hear it for the 60 or so folks at Purchasing and Warehousing who count their successes in participation rather than cash-in-hand.

Last year's tabulations revealed that 183 suggestions were begun in the fertile minds of the department's employees, calculating out to be about 2.9 suggestions per employee.

Yet cash awards don't tell all the story, according to the plan's administrator Denis Lepage. "Some departments just don't deal with problems that can be solved with big-ticket suggestions. These people put in ideas that may make the work go more efficiently or easier, but with only minimal costs involved."

Although cash awards designated for ideas in "intangible savings and general improvements" are minimal, employees seem as eager to participate as those in other areas

where big-ticket ideas can earn up to \$10,000.

"I think that tells you something about our employees," said Denis. "It isn't always the money that drives people, but a sincere effort to help, to improve their own working condition and contribute something to the company."

Not only are many ideas generated, but a high percentage of them are accepted after investigation. Last year's annual figures show an overall acceptance for the department's suggestions of 56 per cent, the highest in the division.

With a 54 per cent acceptance rate in the first quarter the department's thinkers seem to be on their way to another productive year for the suggestion plan.

While Purchasing and Warehousing comes in first in the per capita suggestions category, The Copper Cliff Smelter isn't far behind.

Generating 1,238 new suggestions last year, the complex's participation rate works out to

almost 1.5 suggestions per employee for a first year saving to the company of almost \$700,000.

"Of course these figures don't mean that every single employee participates," said Denis. "It means that there are

some pretty motivated folks working in these departments."

The overall plan is continuing to expand successfully as well, and anticipated savings to the company of \$845,500 are the highest first quarter savings to date. Last year's figures show

the overall participation rate in the division of 50 suggestions per 100 employees, another record.

"And there's no signs that its declining," said Denis.

## Pair earn \$4,600 for reverb idea

If Bob Poulin and Guy Rondeau keep brainstorming, they'll probably redefine their job into watching the inside of their eyelids.

Since avoiding repairs is what the two Smelter maintenance mechanics do best at their nickel reverb furnace jobs, they just might make it.

"We used to be in there making repairs all the time, sometimes once every couple of days," said Bob Poulin, 43. "It's a dirty, tight, dangerous place to work in, and something always would go wrong in there so you'd have to go in and fix it."

Today, after a long series of Suggestion Plan submissions, the two mechanics and welders say the area is virtually maintenance-free.

"Now you have to go in and inspect it every day, but there's virtually no repair work to be done," said Guy Rondeau, 38.

The most recent result of their brainstorming was the solution of a nagging problem that meant constant repair to a 10 inch cylinder in the furnace slagchute pit.

The problem involved slag building up on the level bottom of the pit, then jamming up the cylinder that feeds through an opening in the floor plate. By welding a slanted deflector plate from the furnace wall and welding a 12-inch-high slag deflector plate on the floor plate as a shield on the cylinder opening, the problem was eliminated.

"It used to take a full day

for a crew to clean it out with pluggers (jackhammers), and that cuts into production," said Guy. "Now it's simply a matter of keeping it cleared by scraping

the plate down every three days whether it needs it or not."

The two share \$4,600 in Suggestion Plan money for the idea.



Bob Poulin and Guy Rondeau: A winning team.

## From mechanics to metallurgy



Dominic Fragomeni

Dominic Fragomeni, son of Copper Cliff Smelter Complex mechanic Tony Fragomeni, has recently been awarded first prize and the President's Medal from the Canadian Institute of Mining and Metallurgy for his undergraduate thesis entitled "Treatment of a Refractory Gold Ore by Pressure Oxidation."

Dominic, 24, is a graduate of the Haileybury School of Mines and received a Bachelor of Science in Mining Engineering from Queen's University in 1988. Currently, he is Project Metallurgist at Hemlo Gold Mines Inc., Golden Giant Mines.

He is a graduate of Lockerby High School.

# Mitch builds a bridge between boyhood and brains

By all appearances, Grade 8 student Mitch Malkoski looks like a typical 13-year-old. Sporting a slim, athletic build and a propensity to blend in with the woodwork typical of youngsters his age, Mitch is almost apologetic about his accomplishment.

Mitch has a brain, and he uses it.

"I'm gonna do something wrong in school, I'm not afraid of being different, but I don't want to stick out like a sore thumb, either."

The son of mines technical specialist Mike Malkoski of Mines Research, Mitch will be going to France for 13 days this summer to represent Canada in the second annual World Science Fair.

Mike has a hard time holding in the enthusiasm for his son's accomplishments. Mitch is the opposite.

"It's like the Olympics. If he'd won a gold medal at the Olympics, he'd be a hero with his peers. Well, this is a gold medal, too," he said. "The accomplishment is just the same."

"I suppose," answers Mitch. "At least I can't be suspected of using steroids."

Mitch began his award-winning science project more than a year ago while still in Grade 7. It's a makeshift device for measuring the strength of bridge trusses. He used it to improve on the strength of the best one he tested.

"I was looking through some books at the library and I saw a picture of a long bridge that looked like a long ribbon. It looked like it couldn't support the weight of a piece of paper."

## Research needed

Further research took him to diagrams of trusses and the idea of improving them. It also took him into second-year university mathematics.

He picked the brains of some of his dad's co-workers engineers in Mines Research, to learn the mathematical principles such as Young's modulus calculations and Hook's Law.

"At first it was difficult," said Mitch. "But after a while it all fell into line."

Applying the mathematical formulae and a great deal of ingenuity, Mitch managed to strengthen the best of the trusses he built.

The project earned the gold award in the junior category at the school, district and regional levels.

Last year he went to the Canada-wide competitions in Winnipeg and again won top place, a feat qualifying him to represent Canada at the world competition at Brest, France this summer.

"I never thought it would go this far when I started, I'm not going to allow myself to get excited about it until two weeks before I leave."



Mitch Malkoski adjusts his prize-winning project while Dad, Mike Malkoski of Mines Research, looks on.

He doesn't see his accomplishment as any great thing. "I did it for the fun of it. I like to take physical things and apply mathematics to measure them," he said. "I've always liked math, probably because I found it very easy."

## No 'brain'

His marks in math (and English) have consistently been in the upper 90s. He's "weak" in French and history, he said, and gets marks in the upper 70s

and low 80s.

Mitch doesn't see himself as the thick-glasses-and-briefcase type and doesn't like the attention the project has earned him.

"I don't like being singled out," he said.

On the other hand, he's not afraid of being independent and won't be easily led.

"I can't be talked out of things if I want to do them," he said.

A French immersion student at George Vanier Public School in Lively, Mitch likes to do the

same things as other kids.

"I like horror movies, sports and girls," he said. "I just find mathematics easier than most other kids seem to."

Mitch's love of mathematics hasn't been exhausted by the successful science project. He's entered this year's competition with a brand new idea, improving dam structures.

The project has already won gold at the school and elementary level.

## German rescue suit has "Star Wars" effect

Mine Rescue in the Space Age is beginning to look a lot like the Space Age in Mine Rescue.

There were some obvious similarities between a recent test of a new mine rescue 'cool suit'

at Frood Mine and man's first walk on the moon.

The field of mine rescue may never be the same again.

"It was obvious that the two guys in the cool suits were much better off than the guys fitted

with the regular equipment," said Inco's Mine Rescue Program chief Tom Gunn. "We turned the ventilation off to bring the temperature up to about 100 degrees."

He said the two men dressed in a high-tech, self-contained outfit being tested at the mine were undaunted by the heat and looked like they could continue indefinitely.

The outfit, developed and manufactured by the Drager company of West Germany, is being tested by the Ministry of Labor for possible inclusion in Canada's standard mine rescue gear.

About 20 people, including ministry, local supplier and Inco personnel went underground at Frood's No. 3 shaft to test the bright-orange outfit.

"The test is inconclusive so far," said Tom. "All the data has not yet been examined. But the advantages of the suit were self-evident."

He said Inco's mine rescue team was given tasks to do underground and comparisons were made between performances by those with and without the new equipment.

## Complex suit

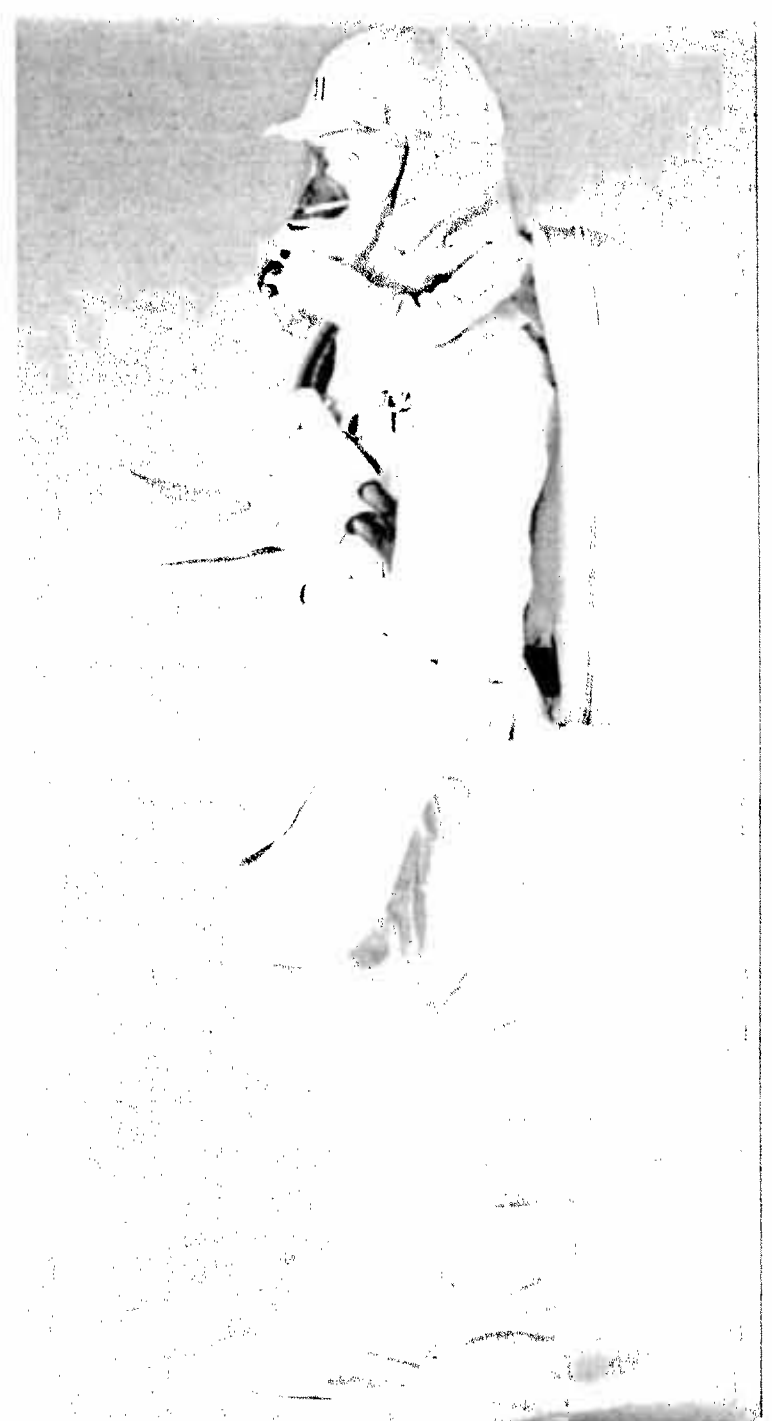
The operation was under the direction of Malcolm Smith, director of Mine Rescue with the Ministry of Labour.

The ministry purchases mine rescue equipment and provides the equipment and training to mining companies.

The unit consists of an inner suit and hood with tubes sewn on the inside that circulate silicone fluid to cool the wearer.



Al Tryon gets fitted into water-cooled liner with help of Stobie Mine foreman Joe Beynon and Claus-Dieter Hinz of Drager, the suit's manufacturer.



Going to the moon or the mine?

Continued on page 14



Underground-grown seedlings are loaded up for the trip to the greenhouse.

## 80,000 pine seedlings sprout underground

The days are longer, the sun is warmer and the blanket of white of just a few weeks ago is turning green as vegetation starts to surface.

At Inco, it surfaces from 4,600 feet.

"We have around 80,000 seedlings this year," said Environmental Coordinator Ellen Heale as she watched another load of tiny red pine and jack

pine seedlings come rolling out of the Creighton cage after their upward journey from the mine's 4,600 level.

Around 60,000 pine seedlings were nurtured underground through the winter. About 20,000 left over from last year were wintered over at the agricultural greenhouse nursery in Copper Cliff.

The well-known experiment with underground-nurtured forestry seedlings is becoming almost common place for Inco green thumbs as more and more Inco landscapes are turning green.

More than 1,600 acres of Inco lands have so far been reforested, not including additional, natural reforestation.

An average of 45,000 trees have been nursed this way in each of the past five years and the number of seedlings produced annually will be increased to 100,000 in 1990, according to Ms. Heale.

The experiment began around five years ago following a successful attempt to grow vegetables underground. The forestry seedlings were a natural outgrowth, providing ample supplies for Inco's aggressive land reclamation and revegetation programs.

### Hardening off

Seedlings that have been growing underground for about 17 weeks spend another two weeks being hardened off or ac-



Student crew plants a tree at Creighton.

climatized on the surface before being planted on Inco properties.

Seasonal workers have been hired and are planting the seedlings.

"We've gotten better at this over the years," said Ellen. "We've experienced success rates (plant survival) as high as 97 per cent. Of course, a lot of that depends on the weather."

For example, she said, the extremely dry conditions of the last two summers has cut the figures to between 70 and 75 per cent.

From Inco's initial experiment with 12,000 seedlings to the 1989 crop of 60,000, the pro-

ject has gone well.

"We will be continuing the growing and planting program for the foreseeable future," said Ellen.

One advantage of the underground growing is a relatively constant air temperature of around 24 degrees celsius. "That saves a lot of money," said Ellen. "There's no cost in heating which is a major cost in a traditional greenhouse."

In fact, the only significant cost to Inco is the filling of seedling flats, seeding, thinning and planting. The watering and fertilizing process has been automated, requiring only periodic monitoring.

## With a little help from our friends

Even the Boy Scouts are pitching in to make Sudbury greener. On page 1, upper left, Cub Steven Pageau, 10, and Beaver Stefan Skogberg, 8, were among the boys of the First Copper Cliff Cubs group who planted seedlings in the Copper Cliff area earlier this month.



Environmental Control Coordinator Ellen Heale displays some of the seedlings used for Inco's revegetation program.

## Focus on tailings by ministry

The Sudbury District staff of the Ministry of Natural Resources focused on Inco tailings area reclamation efforts in their annual Sudbury District Environmental Staff Day in May.

The ministry's district Visions Coordinator Gerry Haarmeyer said the annual outing of all staff ranging from office secretaries to district manager was part of an ongoing effort to make staff aware of what is going on in the area and what progress is being made.

"It's an effort to focus on environmental concerns in the area, what other organizations are doing to meet the challenge, and how we can interact with them," he said. "The tailings project was a good way to show just what is possible."

He's not sure if the exact same technology can be applied in other areas. "Inco's work is very specialized, but generally the tailings project falls along the lines of what we are trying to encourage."

He said the ministry's "Visions" concept encourages an environmental consciousness, a kind of environmental psyche.

The ministry invited representatives from Inco's Natural Environment department to address the district staff on the company's reclamation project, followed by a tour of the tailings area.

"The subject is one of a

number of topics to which our staff will be exposed," said Mr. Haarmeyer. "We are offered this day as a training opportunity to heighten the environmental awareness of our staff by exposing them to different view points of our resource users."



Environmental Control grounds specialist Darl Bolton outlines tailings project to Ministry of National Resources Visions Coordinator Gerry Haarmeyer.



### Top spot in competition

The men won the top spot in Sudbury District Mine Rescue Competitions held in Copper Cliff recently. They are; (front) Maurice "Mo" Sanche, Louis Vildaer, Al Tryon; (rear) Tom Tario, Jimmy MacLellan, Wayne Tonelli, and Leo Seguin.

# Soviet scientist says SNO will benefit Sudbury

Physicists' theories about neutrinos may or may not be right, but some of the theories against finding out are definitely wrong.

Commenting on Sudbury Neutrino Observatory (SNO)

funding delays because it may not create industrial spin-offs, visiting Soviet scientist Dr. Alexander Pomansky said basic research "always eventually has benefits for the community and country."

"Even some scientists who discovered atomic processes didn't believe they would ever have any practical applications," said the Soviet Academy of Sciences senior scientist during a visit to the site of the proposed underground neutrino observatory at Creighton.

"Today," he said, "we know they were wrong."

"I can see this type of development becoming very important for the local area. You are going to attract many people."

While discovering hidden mass in neutrinos won't necessarily mean better television sets, the laboratory here would have positive immediate benefits.

A neutrino lab, he said, would allow Canada to retain more of its best scientific minds. He said the best of Canada's scientists are "dispersed" all over the world on the most important scientific projects, and the observatory here would be Canada's own "world-class project."

Dr. Pomansky heads a similar 20-year-old research facility in the Caucasus Mountain in the USSR where he not only does basic research, but administers schools and other community functions in a nearby "Neutrino Village."

But unlike the proposed Sudbury lab that would hide from background radiation under 6,800 feet of rock in Inco's deepest mine, the Baksan observatory tunnelled horizontally into the side of over 18,000 feet of

mountain. Heart of the Baksan project is the rare metal gallium, while the Sudbury laboratory takes advantage of stockpiled Canadian heavy water.

Although the Canadian facility is still only on the drawing boards, the Soviet scientist said researchers on the leading edge of physics are already becoming familiar with the name "Sudbury."

"We (Soviets) know what you are attempting to do here," he said. "It's absolutely new technology and new technology usually gives new information, sometimes spectacular and

sometimes unexpected."

"Canada has a unique opportunity to take advantage of the heavy water cheaply available for the project," he said.

Basic research is also an area that lends itself to cooperation between many countries, he said.

Dr. Pomansky, National Research Council senior scientist Walter Davidson and others were hosted by Inco on a tour to the site of the proposed \$40 Million Sudbury Neutrino Observatory.



Soviet scientist Dr. Alexander Pomansky gets a hand from National Research Council chief scientist Dr. Walter Davidson before going underground at Creighton.

## Eyes for neutrinos and art

Soviet scientist Alexander Pomansky's vision covers the immensities of the universe and the miniscule world of subatomic particles, but what seemed to please him the most was the artwork of Bob Peters.

"Wonderful, wonderful work," said the Soviet Academy of Sciences as he stood against the Creighton railing admiring Bob's portraits that lined the warm-room wall. "It is like a family here."

The Soviet physicist and National Research Council senior scientist Walter Davidson were at Creighton to tour the site of the proposed underground Sudbury Neutrino Laboratory when

Bob's work caught the Soviet scientist's eye.

Bob has been drawing portraits of his fellow miners whose long years of safe working are enshrined in his unofficial Safety Hall of Fame at Creighton.

"It is a good thing to honor these miners," he said, "by such work. It is very important for not only miners of today, but miners in the future. It is for a good atmosphere."

No stranger to mines and miners, Dr. Pomansky said his research has taken him to many mines all over the world. Inco, he said, is among the cleanest and most professional he's ever seen.

## Sulphur dioxide work impresses water experts

Inco's emission reduction program will give Canadians a stronger hand when negotiating with the United States in the joint effort to improve air quality, according to George Mierzynski.

ty, according to George Mierzynski.

"We have to get our own house in order before we can talk," said the chairman of the Ontario Section of the American Waterworks Association. "We

now can point to our efforts and show we are doing our part."

Mr. Mierzynski was one of more than 500 delegates in Sudbury this month for the Ontario Section's annual conference held jointly with the Ontario Municipal Waterworks Association. Delegates included technicians, elected officials, engineers, consultants, government representatives and others involved in improving water quality.

"These people are very

aware of what Inco is doing toward improving air quality," he said. "It's important and it's widely known in the trade so there was a lot of interest here in Dr. Sopko's address."

Ontario Division president Mike Sopko narrated a 20-minute audio-visual presentation on Inco's sulphur dioxide abatement program for the visiting delegates, a presentation that may have surprised some delegates.

"Perhaps some of our

delegates may not have known how much was involved in your program," he said. "The presentation was very informative."

He said he was encouraged by the extent that Inco and other industries are supporting the general environmental effort.

There's no question that environmental consciousness is growing rapidly," he said. "Industry is ready and willing to do its part."



Ontario Division President Mike Sopko and AWWA Ontario section chairman George Mierzynski toast the cooperative environmental effort with an appropriate drink: a glass of clean water.



Mike Sopko presents Inco's emissions reductions program to conference.

## Builds own log home

# How are you going to keep him in the mines after he's been on the farm?

For about a year now, Joe Beynen has been living in his dream.

To be more precise, a 2,000-square foot, five-bedroom, two-storied dream he built from skinning the bark off the first huge red pine log to the last nail in the last shingle.

"If you get the dream and are willing to put some effort into it," said the 39-year-old Stobie foreman, "you'll succeed."

Joe admits he's always had the itch to fill his spare time with "something to do with my hands."

"You can only hunt and fish for so long," he said.

The log home on a 100-acre wooded lot in the Hanmer area was the perfect vehicle for keeping busy. He began building the red pine log home three years ago and all the work was done on weekends, after work, and during vacation.

"I only work for Inco 40 hours a week," he said. "What was I going to do with all those other hours?"

He's not a carpenter, although he's had to put up a structure or two on the farm where he was born.

Once a mason's helper, he spent much of his spare time before the log home project doing masonry work for other people.

"I never saw him before. He was always somewhere laying brick," said wife Carol. "At least building the house he's always at home."

"It was on the farm where I developed a need to keep busy," he said. "My one interest was farming and I'm not sure that isn't still there. Maybe the log



Joe with sons Matthew, 5 and Kevin, 10: Daddy built the house.

house is a way of going back to a more rural setting."

## Farmer at heart

He'd still be in farming, he said, if there was a living in it.

"I had a month to go to get married and I knew farming couldn't support a wife and family. I jumped into a truck and came up to Sudbury to get a

job. I wasn't thinking temporary and I wasn't thinking permanent. I was just thinking job."

Moving from sun-up to sun-down farming to an Inco workweek, he began masonry work in his spare time. It got to the point where he couldn't keep up with the jobs coming in.

Then, in 1979, he was bitten by the log home bug.

"I built a kids' playhouse out of logs just to get the idea, then built a log camp."

From camp to home was a natural step. He read lots of books on the subject, then decided to "jump in."

"You can't sit around and wait for the perfect time. If you wait around until you can afford it, you'll never do it," he said.

There were drawbacks, he said, such as moving into a

house with some work still to be done such as the installation of the shower and bathroom door.

"We all went to a nearby swimming hole for a dip in place of a shower," said Carol.

Despite all the time spent on the house, Joe insists it was never like work.

"It's a mix of craft, art, and a hobby," he said. "There were more than a few times that I went to bed exhausted, but I never reached the point where I wasn't enthusiastic to get back at it the next day."

The financial advantages of building your own log home are substantial, he said. "Get someone else to build it and it costs about the same as a conventional home. But if you build a log home yourself it's much cheaper than building a conven-

tional home."

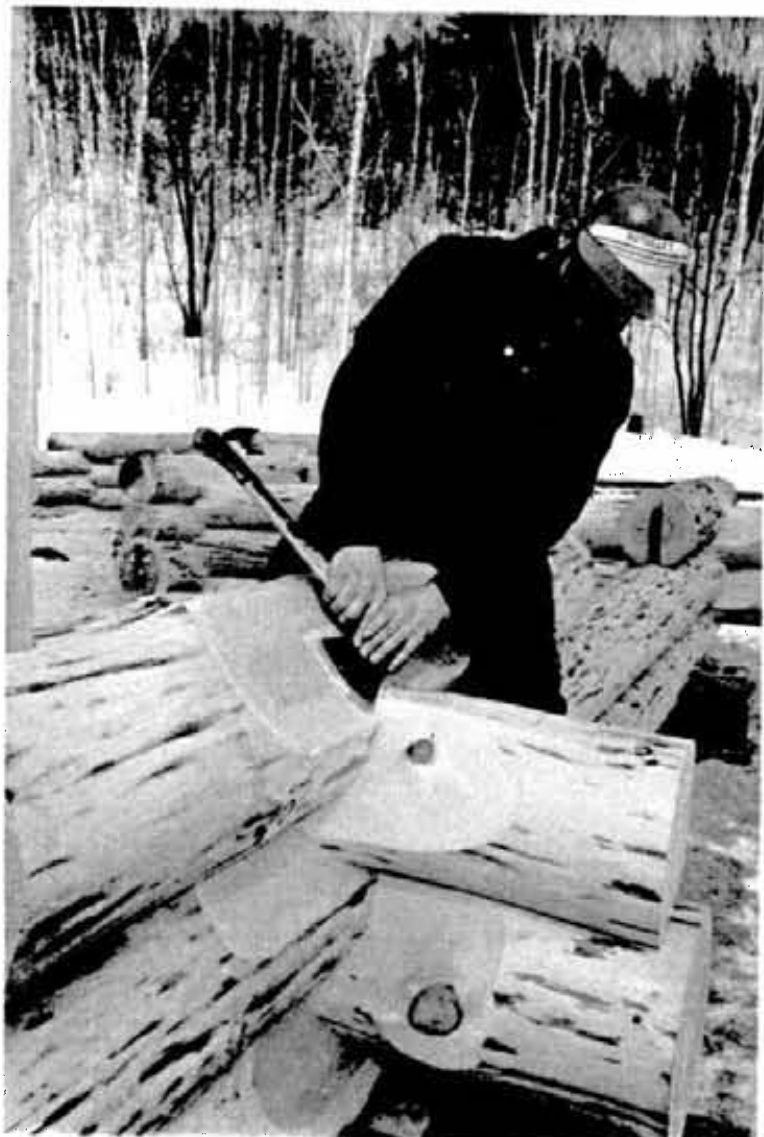
There are skills involved, he said, and it's not as easy as it looks. "But if you have the desire, you can do it."

"If your dream is strong enough, then anyone can do it."

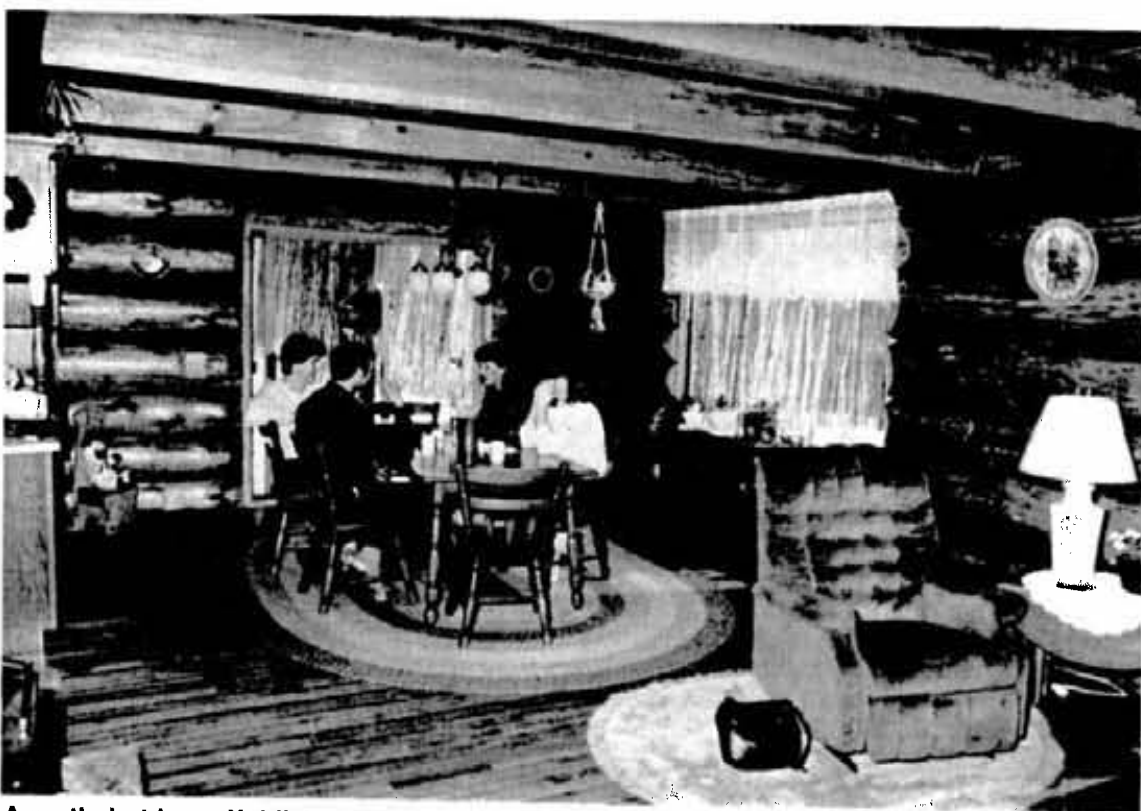
With his home nearing completion, it seems that Joe has again been threatened by a spare hour or two.

That may be one reason why he's busy these days, again peeling and assembling logs behind his house for a second log home.

"A guy saw my house and asked if I would build him one. I figured I had a good time with the first one, why not do it again?" ■



Joe Beynen does some fine-tuning.



A rustic but beautiful living area.

# Cycling gives new view of the world

You'd think Carl Gibbons has seen it all, yet the 30-year Inco Utilities mechanic has discovered a brand new world at a time in life when some others dream about staring at their old world from a rocking chair.

In a way, Carl's life has come full cycle.

"I guess I was a kid the last time I was on a bicycle," said Carl, a 55-year-old Chelmsford resident who five years ago rediscovered the joy of a stiff wind at his back, a long dip in the highway and the buzz of the bicycle wheels on the pavement.

Since then, he's peddled his bike to places as far away as Ottawa and Thunder Bay.

Today he travels the same roads he did in his car, yet the world he sees is a totally new one.

"It's not the same in a car," said the cycling enthusiasts as he recalls his first long-range excursion. "My wife's family and my family are from the Ottawa Valley area, so we travelled that road many, many times by car."

When he made the 271-mile trip by bike three years ago, it was a totally new experience.

"It's very peaceful and you see things you've never seen before," he said. "I saw more on that one trip than all the other times I've travelled the road by car combined."

Although involved in ball and hockey coaching and recreational sports as far back as he can remember, Carl is hardly the sports fanatic.

"I was at work one day about five years ago and I saw an advertising for a sale on bikes. I went down and bought one for me and one for my wife."

"I started riding for pleasure, a mile or two around the block and around town."

Bitten by the bug, he soon expanded his two-wheeled horizons to 10 or 12 miles daily on a 15-speed mountain bike given him as a present from his sons. "Today," he said, "it's nothing for me to hop on my bike and go 20 miles."

The idea to take extended trips by bicycle came after he realized how bored he'd become of the regular trips to Ottawa, sometimes as often as twice a week.

"At first I thought about



Cyclist's view of the open road

walking it, but then the idea came to me that I could do it by bike."

His wife Eileen thought he was crazy at first, he recalls, although she was all in favour of his getting into shape.

With the Ottawa trip in mind, training became serious. He worked up to about 50 miles a day on the bicycle within six weeks.

"A good pace is about 12 miles an hour," he said.

He discovered many hills between Sudbury and Ottawa that he never noticed in the car. "At one point I spent two and a half hours travelling three miles," he recalled.

Engulfed in breathless discouragement with waves of heat rising off the long stretch of uphill pavement in front of him, Carl would grit his teeth and tell himself that if Terry Fox could do it with one leg and cancer, he could do it.

At other times, with the wind at his back and a long downhill stretch in front of him, his speedometer read 40 km an hour.

Suffering from high blood pressure, Carl checked



Friendships made on the road is part of sport

everything out with his doctor at first. Although he was told not to "push it," he admits that he sometimes ignored the advice.

His confidence was bolstered at one point, he recalls, when an ambulance driver who was stopped at a rest area took a reading.

"It (blood pressure) was low," he said, "even though I had just climbed a big hill minutes before."

He said two of his sons who were making the trip by motorcycle were supposed to catch up with him somewhere along the route. He made the trip in four days.

"I got there before they could catch up to me," he said with a smile.

The 650-mile Thunder Bay trip he tackled just a year later was the real test. "It took me nine days and it was a long haul," he said. "But it was wonderful. I met a lot of cyclists on the way, people going out west, and even to Newfoundland. There were cyclists from Korea, China, Sweden, and others from all over Canada and the United States."

He made the trip with fellow cyclist and Inco employee Louis Leduc, a miner at North mine.

Not that he minds cycling alone. It's not as lonely as it seems. You have time to think, to enjoy everything," he said. "Besides, you meet a lot of people along the way."

One man he met on the road was on his second round-the-world bicycle tour. "He was 75 years old," said Carl.

Cycling has become second nature for him, and he rarely goes a summer day without a few miles on the open road. "It's like other people watch television or read," he said.

He's even managed to combine his favourite activity with a little community work. He's raised well over \$2,000 in Canadian National Institute for the Blind bike-a-thons in the last three years.

He never races, mainly because he likes to set his own pace. "It's a great way to keep in shape," he said. "You go to bed at night more tired than you've ever been before, but next morning you can't wait to get going again. It feels wonderful."

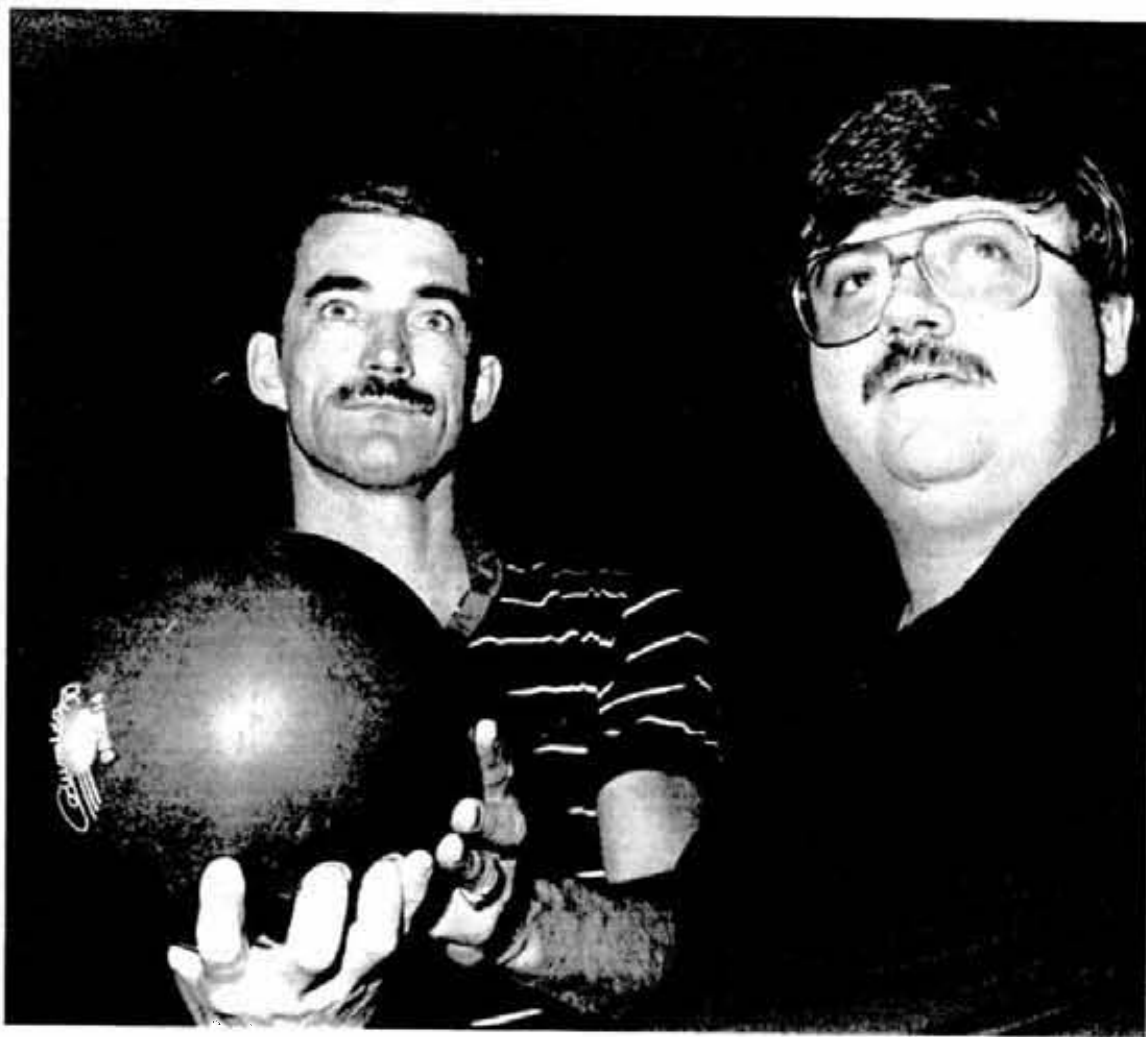
Hazards on the road are few, he said, because most drivers are courteous to cyclists on the road. "But sometimes I worry about chains hanging down from logging trucks."

Training this year has already started, and he's working hard to get in shape for a trip to London, Ontario.

Pictures supplied by  
**Carl Gibbons**



Carl Gibbons during a pit stop



Larry Doner and Leo Duguay show off their winning style.



## Pair strike it rich (in friendship) with bowling

Not just your average bowlers, Larry Doner and Leo Duguay.

Not just killing time on a miserable Saturday afternoon with some mindless recreation.

You can almost feel the superb concentration and tension as they wind up and send the balls curving down the lane toward the waiting pins with a single-mindedness that eases only after the black ball has hit its target.

"I had to keep up my game to keep up with my wife, Leo quipped. "She's a natural bowler."

The two Inco employees were scheduled to fly to St. Catharines in May to represent Northern Ontario in the National Classified Bowling Competition, Leo in the five-pin and Larry in the 10-pin category.

Master Bowler Leo Duguay's first crack at the title was in 1983 when his Northern Ontario team won the gold medal in competition against 300 bowlers from all over the country. Larry came in second in the Nationals in 1985.

For Leo, 36, a Nickel Refinery maintenance mechanic, bowling came hand-in-hand with marriage. "I started back in '72, the year I got married," he said. "We took it up for something to do together."

He claims it was his wife Ann's natural bowling ability that's not only kept him on his toes in the bowling alley, but has made him struggle to improve.

"She took to the game right away," he said. "From the first ball she threw, I had to work hard to keep up with her."

### Family rivalry

The friendly family rivalry has been a Duguay institution ever since and seems to have infected the entire family. Leo's three children, Ron, 16, Ray, 13, and Eric, eight, bowl and belong to the Youth Bowling Council.

Ron competed in the national competitions in 1982 when he was 10.

"Bowling has kept the family a lot closer together," he said. "It has meant that we do things together regularly as a family. I never believed in just dropping the kids off at their activities. It's much better to do things with them, to get involved with your kids."

Leo started bowling competitively about 10 years ago after he began teaching youngsters to bowl competitively for the YBC. "Kind of a natural progression," he said. "You see it (bowling) as more of a sport than a recreational ac-

tivity and you like to be the best you can."

The hours he spent with the kids, sometimes with as many as 150 eager new bowlers, were some of the most rewarding in his life, he said.

"It was more satisfying watching the kids progress than improving myself. The secret is making it fun for them rather than just instructing."

Each youngster is different, he said, some taking to the sport instantly.

"Others you have to talk in one ear," he joked, "and put a hand over the other to keep it from passing right through the other side."

For his work with the kids, he was awarded the Master Bowler status by the YBC.

### Into organizing

Involved today in the organizational end of the YBC, he doesn't have much time to teach anymore.

"We organize about 1,000 bowlers and seven bowling alleys in our jurisdiction," he said.

He misses working with kids and every now and then does a little instructing. "But I guess I'm contributing," he said.

For Larry Doner, 43, bowling has been a way of life ever since he got his first job as a pin-

boy in the late '50's.

"I got a job at the lanes in my hometown when I was 12," he said. "I've given it up from time to time during my life, but I always came back to it. It's an ideal sport to help speed the winter."

Married with two children, the Nickel Refinery yard operator admits he's the only "bowling fanatic" in the family and spends as much as three nights a week at the sport. "And that's not including tournaments," he said.

While he's a very competitive bowler, he counts the friends he's made and the good times as the main benefits. ■



### Clarabelle Hospitality

Clarabelle pumpman Terry McKenzie wasn't stingy with the burgers during the Mill's noon-hour barbecue and Wright Engineering Construction Manager Ed Code wasn't left out. The company is working at Clarabelle for the mills rationalization program.



Cancer Care Campaign Chairman Gerry Lougheed Jr. and Inco Limited Chairman, President and Chief Executive Officer Don Phillips with the \$500,000 nickel strip cheque presented to the hospital.



### Gift of life

Blood flowed at the Copper Refinery recently as employees turned out to donate blood to the Red Cross Blood Clinic. Refinery employees Allan Ferlotte and Bernie McCosham don't look any the worse for wear as Assistant Nurse Yolande Gray and nurse Carol Robinson check to see if things are running smoothly.

### LOUGHEED: GOLIATH

Continued from page 1

corporation. Inco wants to be known as a partner in the communities in which it lives and works, and over the years we have sought to ally ourselves with a variety of charitable, cultural, economic and educational projects that foster better human understanding and, generally, help realize more fully the potential for accomplishment and happiness."

In the 1950s, Inco donated \$2.5 million toward the con-

struction of Sudbury hospitals and in the 1980s has been associated with such needed medical efforts as the Cat Scanner and Intensive Care Unit at the Sudbury General Hospital, the Memorial Hospital's Burn Centre and the Cardiac Rehab Centre.

"Today marks yet another milestone in a long and special relationship with Sudbury hospitals and Sudbury area residents," said Mr. Phillips. ■

### Back to school for trainers

Trainers of Adults, an Algonquin College School of Continuing College program, is helping Inco instructors and trainers gain new skills as well as evaluate skills developed over years of experience.

He was impressed especially with interviewing techniques. "I have to interview people in my job, and the course has helped me be a more effective interviewer."

#### Prior experience

According to General Foreman of Training John Moland, the college course is designed for people already with teaching or training experience, experience that is often gained on the job with little or no self-evaluation or independent measure of accomplishment.

"This is a good way to see how you are doing," said John, himself a student. "This isn't a course for aspiring trainers. It's for foremen, supervisors, coordinators and instructors. Anyone already in a teaching environment can make use of this course."



Doug McMorran

"The beauty of this program is that you can apply what you are learning right on the job," said program graduate Doug McMorran. "You can see the benefits of what you are learning almost immediately."

The Copper Refinery training supervisor completed the course about a year ago and says it's not only helped him in his job but has made it possible to evaluate the teaching skill he had already.

"I'd do it again. I'd take a similar course," he said. "You can work at it at your own pace, set your own criteria, and you can be graded against a set standard to give you an accurate idea of how you rate."

There's a major investment in time, however, and Doug said that many weekend and evening hours were involved. "But it was worth it," he added.



John Moland

College accreditation of levels reached in the program carries the weight of the Ministry of Colleges and Universities.

"You earn a diploma that tells you that you have reached a certain professional level," he said.

Although the dozen or so students and graduates of the program are all Inco employees, the program is available to anyone.

Accreditation can range from a wide variety of skills that are chosen by the student himself who can choose anything from maintaining records and conducting group instruction to managing a budget.

The program is concerned with what a trainer actually needs to do and how well he does it. The emphasis is on the application of knowledge rather than on its accumulation. Each of the scores of individual skills is given a number of points which are used to grade the student.

Inco promotes and encourages employee upgrading and development. Tuition assistance is in place to help with the courses. ■



Frank Sottile

Apprentice Training Coordinator Frank Sottile agrees. He graduated about six months ago and is similarly enthusiastic about the results.

"It took me about two years and I figure I've learned quite a bit that's going to help me do my job better," he said. "You can apply what you're learning on the job."



## In Your Yard . . .

# Early summer key to gardening success

Early summer is a good time to fertilize annual flowers with a water-soluble fertilizer. Follow the instructions and rates on the label and fertilize when the soil is moist. Once a week, pinch off spent blooms on geraniums, petunias, roses, marigolds and pansies. This prevents the plant from producing seeds, encourages more blooms and reduces the chance of fungus diseases. After flowering, prune spring-flowering trees and shrubs such as crabapple, lilac, bridalwreath spirea and mock orange.

Dwarf fruit trees are practical for the home garden. They take up a minimum amount of space, are easy to care for and harvest. Each type of fruit and its varieties have individual hardiness requirements. To determine the best variety for your area consult a qualified nursery.

Single trees of sour cherry, apricot or peach will produce fruit. These set fruit with their own pollen and are called "self-fertile". However, apple, pear, plum and sweet cherry will not bear fruit unless pollinated by another compatible variety. These are called "self-sterile". For example, at least two compatible trees that bloom at the same time must be planted side by side to produce fruit. Pollen from some varieties will not fertilize other varieties and apples will not fertilize plums. An exception, certain varieties of plums are not self-sterile. Fruit trees are also available with different varieties grafted on to one trunk. Again, consult a qualified nursery in your area for specific advice.

Composting recycles kitchen and yard wastes and provides a valuable source of organic matter for your gardens. The following materials can safely be added to the compost pile: vegetable material, kitchen wastes including eggshells, floor sweepings, shredded newspaper, small amounts of wood ashes, manure, weeds as long as they are green and seeds have not matured, garden refuse not affected by disease, grass clippings, except for two mowings after using a weedkiller.

Pine needles, oak leaves and coffee grounds are all

acidic, do not add: dairy or meat products, cooking grease, animal wastes, woody stems, wood shavings, pine cones - decompose slowly, barbecue ashes, or dishwater.

### Compost secrets

It is best to compost in a container, rather than a loose heap. The container size should be one cubic metre. Use building materials that are readily available such as a wood frame with wire mesh sides, wooden pallets, a wire mesh cylinder or a large barrel. Any solid material must have holes to allow for air circulation. Place the bin or container in a well-drained location, in semi-shade and protected from cold winds. Make sure that it is easily accessible.

For decomposition to occur, micro-organisms from soil or manure require a source of food (nitrogen and compost), air and moisture. Compost materials should be evenly spread out in layers five to 15 cm thick. Materials such as grass clippings, which pack down, should be in thinner layers. Wet each layer thoroughly. Alternate layers using different materials. Well-rotted manure or a small amount of soil containing a high-nitrogen fertilizer should be used in alternate layers. Continue layering until the pile is one to 1.5 m high.

In areas of excessive rainfall cover the container with plastic. Excessive moisture or nitrogen will cause odors, if that happens, open the pile to dry it out and mix thoroughly. To hasten decomposition turn the pile once a month. The layers on the bottom will be the first to decompose. When the material is dark brown and crumbly like soil it is ready for use.

The entire process takes approximately four to six months. Decomposition takes longer in cold weather or if the compost pile dries out. Use the compost in the fall on gardens or as a mulch. ■

## Tait, Longo, Dopson on the move

Stewart A. Tait has been appointed Superintendent, Sulphur Products, effective June 1, 1989.

Stewart graduated from the University of Toronto and joined Inco in 1967 as a Computer Operator in the Computer Systems Department. Stewart has held positions of responsibility in the Mines Research Department and the Copper Cliff Nickel Refinery.

Also appointed was Aldo Longo as Superintendent of Matte Processing and Sulphur Fixation Projects. In his new capacity, Aldo will be responsible for all capital projects associated with the modernization and expansion of the Matte Processing facilities, as well as the integration of the Sulphur Products Department into the Smelter Complex. These projects are major components of the SO<sub>2</sub> Abatement Program.

Aldo is a graduate from the Northern College of Applied Arts and Technology and joined Inco in 1970 as a Process Assistant in the Process Technology Department. In 1972, he transferred to the Copper Cliff Nickel Refinery where he has held positions of increasing responsibility. Prior to his new appointment, he was Superintendent, Sulphur Products.

William W. Dopson has been appointed Superintendent, Safety and Administration, Copper Cliff Nickel Refinery, effective June 1, 1989. Bill will report to Allan Bale, Manager, Copper Cliff Nickel Refinery. ■

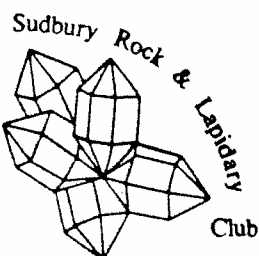
## 1989 Sudbury Gem and Mineral Show

**Friday, July 14,**  
6 p.m. - 9 p.m.

**Saturday, July 15,**  
10 a.m. - 8 p.m.

**Sunday, July 16,**  
10 a.m. - 5 p.m.

- Swapping Area
- Collecting Field Trip
- ID Booth
- Fossils
- Demonstrations
- Dealers
- Displays
- Handcrafted Jewellery
- Kid's Corner



Bell Grove Arena next to Science North  
100 Ramsey Lake Road, Sudbury, Ontario.

SCIENCE NORTH  SCIENCE NORTH



### That's how it was

Maintenance mechanic Dennis Rayner expressed the mood perfectly at the Froud-Stobie barbecue held outside the mill recently. Nothing better than a sunny day, a free lunch, and a picnic table to park it all. It's enough to make you flip your orange.

# May event going annual, Dow says

Organizers of the recent "Come Back to the Cliff" event are expecting that the overwhelming participation this year will make the celebrations an annual event.

"The event went super. That's the only way to describe it," said Stobie Mine engineering planner Peter Dow. "The celebrations around the Victoria Day weekend used to be a big thing in the past with floats and parades. But in the past 30 years, it seems to have dropped off."

Organizers like Peter, a city councillor representing Copper Cliff, want to change that and revive the old May 24th celebrations.

"I think this year's event gave us a good base to work on," he said. "We had at least 500 or 600 people in the park at one time, visitors from all over Ontario as well as local people."

Many of those who turned out met people they haven't seen for decades and Peter said there were many emotional reunions.

The success was even more surprising since organizers "did it cold," with no idea what to expect. "The committee will be meeting in the near future to discuss future plans for the event," said Peter.

While no decision has yet been made, Peter said holding the event next year may present a problem since a Copper Cliff High School reunion (now a public school) will also be held in the summer. He said organizers will have to decide if two events in the same year will create problems.

The celebrations rely heavily



The band strikes up to get event well underway.

on volunteers and donations. "A lot of people got involved," he said. "Inco gave us \$500 toward the event and we got support from other groups as well."

"But there's no doubt that we couldn't have done it without the work of the organizing committee and the volunteers who helped out."

He figures there were probably well over 100 people who volunteered their time and services to make the event successful. The event was held in the Inco-run park in downtown Copper Cliff.



Vintage cars were a popular attraction at the festivities.



Sherry Hattie prepares the pies.



Heavy registration for 1990 high school reunion.

## Heritage Threads

by Marty McAllister

### A trip back in time to Creighton



Old mining towns never die.

Through the loving nostalgia of those who were there, they live forever, tenderly passed from generation to generation, growing ever more perfect with the passage of time. So it is with Creighton Mine.

Creighton, the village, has now joined an elite club, along with Mond, Victoria, Worthington, Crean Hill, O'Donnell, High Falls, and others: The Company Towns of Yesteryear.

They aren't "ghost towns" in the usual sense. There is no faded sign hanging crookedly in front of an abandoned general store, no tattered curtain blowing eerily through a broken window, no rusting hulk of an old truck at the end of a weed-crowded street. Physically, these towns have ceased to exist.

Just as the realities require that they be vacated and dismantled, to be returned to the gossan hillsides of their antiquity. "The moving finger writes, and having writ moves on . . ."

The great nickel mine lives on, producing, at a capacity its founders would never have dreamed, but the Creighton we knew is gone.

Still, on a recent warm spring evening, I could almost see the Inco Club ahead on my right as I turned off Regional Road 24, heading toward the mine.

God, had it all been a dream? Had the town and the people I loved really been there? Pulling over, I parked at about the spot where, on one rambunctious night, my '58 Meteor and I had sheared off a hydro pole. Flush with the ground, it was. Rest his soul, Jimmy Kearney had been on duty that night . . . and the bard of Creighton had been at his eloquent best, in court a few days later. How he and I had laughed about that, years later. I wonder if Bill Taylor remembers telling this scared young apprentice: "Forget it, son. We were going to remove that pole anyway!"

#### Old memories

Poor Norm Silversen! Seeing the mess I had made of the beautiful car he had traded just about broke his heart.

Considerably older, and questionably wiser, now I paced off the few yards to the former location of the Club steps where we used to sit, meet, talk, and laugh. The concrete gone, I sat on the ground.

Turning back toward the street, I closed my eyes. Faintly at first, then progressively louder, I heard approaching footsteps on the wooden sidewalk. In my mind's eye, I saw the smiling faces of youthful friends heading my way. We sat, some of us sharing a smoke, laughing about the blow-out on Dave's bus that day. We wave at Cowboy as he cruises past in his convertible. Which convertible? He had at least two . . . the blue '51 and the yellow '56, both Fords. Which one did I imagine us waving at? Memories overlapped memories, out of sequence, each one struggling to reach the present. I had to laugh to myself, still feeling a hint of pride that I was one of the few who knew Cowboy's real name.

#### Snob Hill

Behind us, Enci and Fats emerge from the Club, and we scramble out of their way, hoping maybe they'll grunt "Hi". Yockey looks toward the creek below Snob Hill, and starts singing "Cross Over The Bridge"; we all know who must be coming.

There's no real hurry to go inside, or to remain sitting; there's just no hurry. Eddie Hreljac shows up, looking fit and ready to conquer some new foe on the badminton floor. I grin at him, chuckling to myself: 'I started lessons the same day he did; I coulda been just as good if I'd wanted, knowing I was lying.

Preoccupied as Butch McMahon's wholesome, pretty face come into view, I hear a familiar voice call: "Hank!" Without looking, I know it's Bob Seawright. Jeez, you have one picture taken with an old guitar, and you're Hank forever. Gratefully, Bob's the only one to call me that . . . and I guess it beats getting shot in the butt with one of his cattail arrows.

Another car goes by, quietly, smoothly, seeming to reflect the prestige of the man at the wheel, his trademark fedora set perfectly as always. The green '54 Buick Century was Mr. Mumford's pride and joy, although his joy was modified just a little, the Sunday morning the keys were locked inside . . . right opposite the church.

What is it with those cars, anyway? How come I remember that old Cadillac V-16 Carl Malmberg had? Longest hood I ever saw! Cars . . . stock car races in New Sudbury . . . number 11 . . . Elmer Tuuri . . . Curly Takala bemoaning the rising cost of sponsorship . . . and, of course, the hot dogs and the loudspeakers playing The Song From the Moulin Rouge.

Yolly's home from university, regaling Sally and their crowd with tales of the big city. Mel is so-o proud of that boy! (He'd fairly burst if he imagined his son as Regional Chairman one day!)

Digressing, I see a group of little kids clustered at the cash in Fievoli's store. How kindly and patiently they were treated. They're unaware of the lump in my throat as I recall my dad's comment on Mr. Fievoli's philosophy: "He takes extra care with them. Little customers grow up to be big customers."

## RESCUE SUIT

Continued from page 5

A two-piece hooded, electrically-conductive outer suit fits over the inner suit and features both separate hand and foot protection. The hood is designed so that it can accommodate the mine-rescue helmet and protect the full-face mask.

Both a respirator and heat exchanger are combined in the unit's backpack section that fits in an insulation jacket to reduce the penetration of the hot atmosphere into the backpack section.

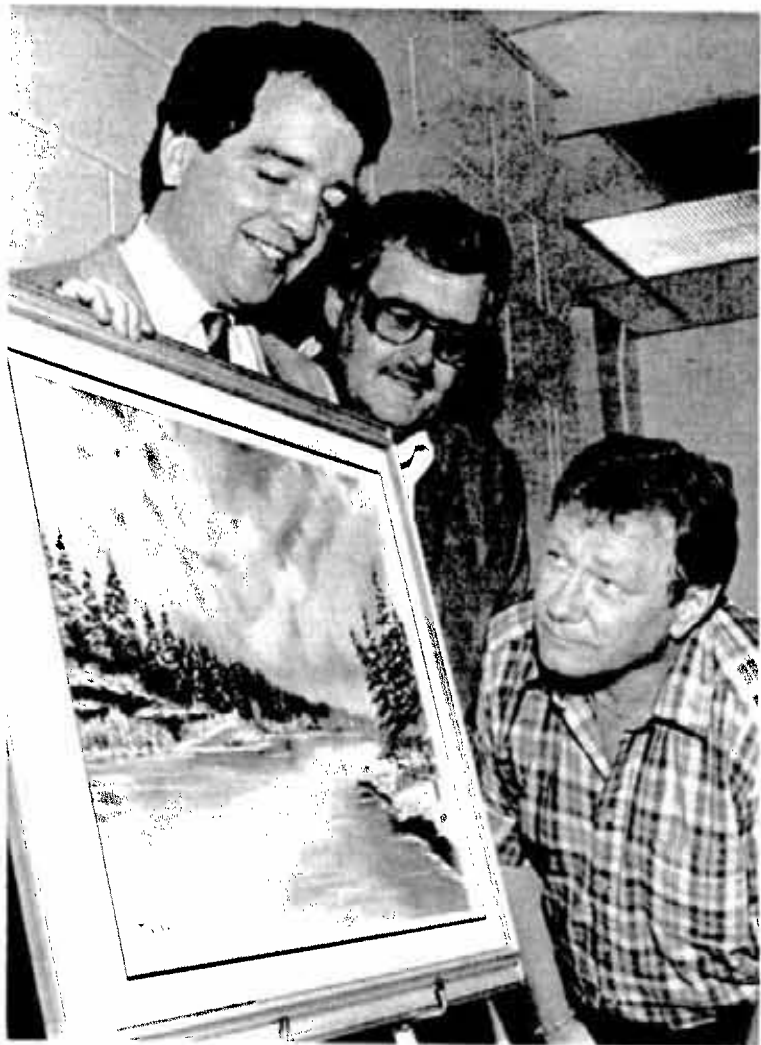
The compact heat exchanger consists of an insulated pressure vessel for dry ice. The dry ice is continuously pressed against the surface of the heat exchanger using pressure springs and pressure plates. A gas motor and the pump are flanged directly as one unit to the bottom of the pressure vessel from the outside.

The unit's respirator is a closed-circuit apparatus. To guarantee a high level of breathing air comfort for the user, the air inhaled is routed through a breathing air cooler.

Two separate circuits are the heart of the system. In the cooling circuit, the silicone fluid in the inner suit absorbs heat from the user and circulates via the pump as hot silicone fluid to the heat exchanger in the backpack. After the heat exchange, the cooled silicone fluid is returned to the inner suit to cool the user.

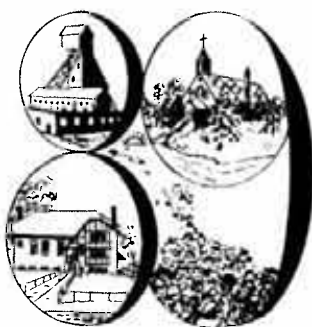
Gas that develops in the heat exchanger is used to drive the gas motor, which in turn drives the pump.

In the breathing circuit, exhaled air is regenerated via a chemical reaction and filtration system. The breathing air is conveyed in the circuit by the action of the user's lungs.



### Heartwork Artwork

Clarabelle material coordinator Jim Davidson painted this beautiful landscape and donated it as a raffle prize to raise money for the Laurentian Hospital Cancer Care Services campaign. More than \$900 was raised in the effort and another \$500 went to the hospital fund from the Clarabelle Employees Association. Seen here during the presentations are hospital campaign chairman Gerry Loughheed Jr., tippie operator Bob Pilon of the CEA, and Jim Davidson.



## Creighton Shines in '89

P.O. BOX 40, LIVELY, ONTARIO P0M 2E0

### Creighton Mine Reunion

COME and SHARE the memories and the spirit on, July 14, 15, & 16, 1989.

CONTINUOUS Social & Sporting events for ALL, to be held in Creighton and Lively areas with a Homecoming Dance as the

*Grande Finale . . .*

*"Come share a dream to come*

*A friend, a face, a smile.*

*Along life's road, you find them all.*

*To make your life worthwhile."*

*Franca.*

Those interested in attending and sharing in these good times, please fill in the lower portion and mail to the above address. An information and registration card will be mailed to you upon receipt of your registration fee.

PLEASE DETACH and mail to Reunion, P.O. Box 40, Lively, Ont. P0M 2E0

NAME \_\_\_\_\_ MAIDEN NAME \_\_\_\_\_

ADDRESS (in full) \_\_\_\_\_

TELEPHONE \_\_\_\_\_

NUMBER ATTENDING — ADULTS \_\_\_\_\_ CHILDREN \_\_\_\_\_

PLEASE ENCLOSE \$5 REGISTRATION FEE PER ADULT.  
MAKE CHEQUES TO "Creighton Shines in '89"



George Prusilla's Finnish ancestry and his passion for ethnic history combined for an award-winning entry in the Toronto Postcard Club's annual Picture Postcard Exhibition. Finnish-Canadian amateur theatre is little known outside the Finnish community.

## The Prusilas: eclectic collectors

For George and Carol Prusila, collecting's all in the family.

A 37 1/2 year Inco veteran who finished up in Frood's machine shop, George is a history buff, postcard collector and treasure finder.

His wife, Carol, has replaced doll collecting with quilt making.

Together, they're undoubtedly busier in George's retirement than when he was at Inco.

"I'm into my hobbies, my interests and I travel a bit more now," says George, 58. "I'm a history buff, local, ethnic, Canadian history and how it's been influenced from outside Canada."

Carol, who's five years younger got hooked on quilts in the 1970s when Sudbury's Mary Conroy launched her Canadian quilts magazine. A member of Sudbury's quilting guild for the past 14 years, Carol specializes in traditional and charm quilts and can be quite philosophical about her passion.

"Even though you take a traditional pattern, the choice of fabric, the pieces and the color makes every quilt unique," she says in their New Sudbury home that's chock-a-block full with

examples of their past-times. "Quilting's my tranquilizer. It's soothing. But through it, I also meet a lot of people through out-of-town events, conventions, bus tours. I also correspond with people around the world."

For George, historical postcards hailing from their heyday near the turn of the century are a natural offshoot of his fascination with history.

Quebec-born of Finnish parents, the Finnish-speaking pensioner has taken displays of the best of his "few thousand" postcards to major exhibitions.

His collection includes historic Christmas cards, Finnish-Canadian greeting cards and cards illustrating Ontario's Finnish performing arts and early Sudbury scenes.

### 1988 Winner

One display depicting Finnish language theatre in Sudbury was a winner, for instance, in the 1988 Picture Postcard Exhibition at the Toronto Postcard Club and another portraying mines and mining towns captured the club's 1989 historical award.

If you take in the Creighton Reunion in mid-July, chances

are you will see some samples of George's far-ranging hobby at the Anderson Farm.

George himself is not guaranteed to be around.

In summer, he turns his attention to metal-detecting and the Northern Ontario Relic and Treasure Hunters.

"Wintertime, you do your researching and planning for summer. Then, when summer comes, you get out hunting," he says. "There are ethics to metal detecting such as getting permission to do the hunt (from property owners) and then showing people what you have found."

It may even mean returning lost valuables.

His most memorable find was a family heirloom ring that the daughter of a Sudbury woman lost 17 years ago. George found it beneath seven inches of dirt.

Aini Koovisk's daughter, then in Grade 6 in Princess Ann Public School, wore her mother's ring to school but forgot it when she took it off to play ball. Mrs. Koovisk had received the silver ring on graduating from school in Finland in 1950.

Early in his metal-detecting days, George found the ring. Although, it had two Finnish



While husband George explores Sudbury's rich ethnic history, Carol Prusilla indulges her creativity by crafting fine, historically-authentic quilts.

names and a date on it, he didn't locate its owner.

In 1985, while giving a slide presentation to the Finnish ladies' social club in Sudbury, he raised the issue of the missing ring and got a couple of contacts. A few days later, he phoned the first name he was given and the search had ended.

"She was thrilled," George adds. "The ring had been a good luck piece."

Over the years, he's turned over a lot of historical memorabilia to the Public Archives in Ottawa and never received any remuneration.

"I never got a cent. I never applied for a cent either which may be stupid on my part," he laughs. "But once you turn a hobby into a money-making thing, it's no longer a hobby. Not that I couldn't use the money."

While their collecting takes

them in different directions, their interests often overlap.

### Sharing

Early on, they discovered antique bottles in old dumps and sold them at fairs and antique shows. With her energies consumed of late by charm and friendship quilts, George whom she affectionately calls "the king of the scroungers" has become more knowledgeable about the history and craft of quilting and has helped construct the large wooden racks to display the quilts at shows.

"He's never home that much. He's always on the go," says Carol who more often than not gives her quilts as wedding and baby gifts. "The secret to a good retirement is to keep active and keep interested."

"Don't worry about tomorrow," adds George. "It'll come. If it doesn't, you don't need to worry anyway."

## A look backstage at Quarter Century

It all goes surprisingly well. The hundreds of people pick up their pins, gifts and name tags, have their picture taken and sit at their designated spots in the beautifully decorated hall.

But behind the scenes at most Quarter Century Club celebrations, there's an army of shell-shocked volunteers who walk nervously. Months of preparations for even the most minor details are behind them and tonight is the litmus test.

"Considering the amount of planning that's required for these events, it's surprising things go as well as they do," said "Inco Gardener" Alex Gray. "There's quite a bit of work involved but on that day, it usually always comes together."

Like most of the volunteers who spend a lot of their own

time preparing for the event, Alex is modest about his contributions. Scratch a little deeper and he'll admit that things sometimes don't go exactly as planned.

"I remember one year -- and I've been involved with these things since this year's group of new club members were hired on that we had orchid corsages made up for the ladies to be inducted into the club. I gave them to one of our summer employees and told them to keep the orchids fresh in the fridge."

They ended up in the freezer. "When they thawed out, they were like mush," chuckled Alex. "It was a bit of a catastrophe for me."

With the event just hours away and the prospect of pinning wilted orchids on new club

members, Alex came up with a solution. He commandeered some roses adorning the grand piano on the stage and made up new corsages on the spot.

"It saved the day," he said. "But it's one of the reasons I have gray hair today."

### Volunteers praised

It's the decision of volunteers such as the Inco horticultural specialist and sound man Doug Stickles that makes the annual event a success. According to Public Affairs Coordinator Karen DeBenedet, without them the event couldn't be staged.

"It's a team effort," she said. "Without these dependable, dedicated people, we just couldn't make it all work."

"Preparations for the Quarter Century Club event starts the day after the last one is over," said Karen. "You analyse how it went, and you start making plans for next year."

With the experience gained from past celebrations, you'd think the job would get easier. Instead, all indications show future events will be even more hectic.

"With our senior workforce now, the next five years will probably be the busiest ever. We figure there will be at least 500 new members per year. With spouses, that's at least 1,000 people attending."

Preparations go into high gear at least three months before the event when details such as name tags, special Quarter Cen-

tury labels for wine bottles, the selection of meals, entertainment arrangements, seating and gifts have to be completed.

"It's a continual effort to avoid Murphy's Law, that what can go wrong, will," said Karen. "You sweat a bit and you have to put up with waking up in the middle on the night and mentally running through your three-page checklist."

"Your imagination runs wild," she said. "Did I forget to seat the President close to the podium?"

"But it's all worthwhile," she said. "I figure that these people have probably given the best years of their lives to the company. The least we can do at a time like this is to make the event as memorable and special as we can."



## A jolting record

The underground electrical group at Stobie Mine deals with wires carrying as much as nearly 14,000 volts so it's little wonder they're careful. The crew has gone four years, five months without a medical aid injury and four years without a reported injury. From left are (front) Dave McCann, Marcel Garneau, Claude Allaert. In back are Roger Oman, Fraser Dunlop, Paul St. Amour, Ray Maki, Andy Baronette, Dave Jones and Rolly Maisonneuve. Missing are Bernie Jones, Denis Laframboise, Ron Bazinet.

## Copper Cliff mill wins tidy trophy by a whisker

It's a task that would make a battalion of Molly Maids wince, but the people at Copper Cliff Mill have done it a second time. Keep the mill tidy.

Spotless.

Squeaky clean.

"It was tough competition this year," said Central Mills Safety and Administration superintendent Joe Dippong after he handed the All Mills Golden Broom Housekeeping Award back to Copper Cliff Mill employees. "It was all very close, but these people were just that much better."

The Copper Cliff Mill won the plaque when it was initiated three years ago, and lost out to Frood-Stobie Mill last year in a close race.

But the plaque came "back home" in May, presented by Joe during the mill's annual barbecue.

The Golden Broom award, he said, is awarded on a standard set of orderliness and housekeeping achievements. The rating is carried out by a housekeeping inspection team over a one-month period before

the announcement.

"We are promoting this thing not only on the basis of safety, but also on the basis that a clean and orderly working environment tends to encourage high morale and a happy work-force," he said. "I think it's done that. I believe people feel happier at work when their surroundings are clean and neat. I believe it's had an impact on morale."

Not only is the competition mill against mill, but also against the plant's past track record. "It was particularly tough to judge this year," said Joe. "We found a 27 per cent improvement in every mill over what it was last year. The winner won by the narrowest of margins."

By promoting the friendly competition, he hopes other Inco plants will join similar competitions.

"I think it makes a difference for our employees," he said. "It's quite obvious that once an area has been spruced up, people tend to want to keep it that way."



Loading mechanic operator Jim Secord, Safety and Administration superintendent Joe Dippong and maintenance foreman Ed Grassi display the Golden Broom award.



## Frood Long-Timers

Add the length of time each of these Frood-Stobie Mill employees have gone without a medical aid injury and you get 230 years. Count the three missing members when the picture was taken and the total reaches over three centuries of working safely. From left (back) are; Ken Kusan, Leo Tremblay, Ray Gervais, Reg Worthing; (front) Gerry Laframboise, Don Ng, Ray Telamelli and Ray Martell.

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