

The Triangle

JUNE 1978



The Triangle

Editor,
Rudolph Kneer



ON THE COVER . . .

Congratulations are in order to the members of this Copper Cliff Refinery first aid team who recently won the coveted Senior Men's Trophy at the provincial competitions in Toronto.

Proudly displaying their well-earned hardware in Copper Cliff's Nickel Park are, from left, Coach Duncan White, Norm St. Amand, captain Frank Mackinnon, Norm Dever, Ted Kaczowski and Greg Anderson.

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Inco Metals Company recently participated in a display of a safety-oriented nature at Sudbury's Carmichael Arena. Sponsored by Bell Canada, the show was attended by an estimated 3,500 people. Displays included an OPP "Safety Village", and elaborate exhibits by the Sudbury Regional Police, the Sudbury Fire Department, the St. John Ambulance, the Sudbury Red Cross, Bell Canada and the various safety equipment suppliers. The theme of Inco's display included all facets of resuscitation, including infant resuscitation, and basic cardiac life support. Getting some pointers from Inco's chief first aid co-ordinator, Hank Derks, left, and CPR instructor Rick Cholette, second from right, is a typical Bell Canada family, Timothy Thomason, dad Jim, holding Tommy, and Marge, holding 5-week-old Terry.



These are the pipes and drums of the Copper Cliff Highlanders of Canada. Formed in 1950 by Captain Sam Laderoute and Pipe Major Bill Livingstone Sr., the band is well-known throughout Canada, having won three national championships over the years. Also, for 14 years, the pipes and drums of the Copper Cliff Highlanders have played to capacity audiences at the Canadian National Exhibition. Long term plans call for the band to demonstrate its skills at the famous Edinburgh Festival.



Gino Neccaratto, of the Copper Cliff greenhouse, plants a border of geraniums at the Copper Cliff Club.

How does your garden grow?

... "with silver bells
and cockle shells" ...

**and plenty of
work by the
agriculture
department!**



Once the geraniums have been planted, they receive an immediate watering from Vince Falcioni, greenhouse.

One sure sign of the arrival of spring and coming of summer is the appearance of members of the agriculture department's Copper Cliff greenhouse, as they begin planting flowers and trees throughout the area.

The all-out campaign to beautify the appearance of Inco's various surface and underground facilities, both inside and out, is part of the agriculture department's regular grounds maintenance program. Throughout the coming months, the agriculture crews will be making their rounds, tending the progress of their current labors.



Susan Francolini, left, Giovanni Cozza and Calvin Hawn, of the grounds maintenance crew, cut grass, rake gravel and prune shrubs in the centre courtyard of the general engineering building.



Members of the grounds maintenance crew plant a flowering crabapple tree at the general engineering building. From left, Giovanni Cozza, Susan Francolini and Calvin Hawn.



Comparing the progress of individual geranium plants before transplanting them at the Copper Cliff Club are greenhouse members Vince Falcioni, left, and Gino Neccaratto.

Divisional Shops Complex:

Machine Shop and Component Repair Centre near completion



Discussing the installation of a massive nine-foot radial drilling machine are divisional shop controller Terry Vincent, left, and Hans Fritzemeire, first class machinist.



Machine shop co-ordinator Wayne Young, left, and second class machinist Connie Menard prepare to level a 36-inch lathe.

The central core of the new divisional shops complex is nearing completion. The new facility will house the machine shop and the component repair centre in a vastly-improved, modern shop set-up. Groups of employees from the shops concerned assisted in the overall layout.

Machine shop personnel have been on site since April, cleaning and installing the new machinery which has been stored at various locations around the

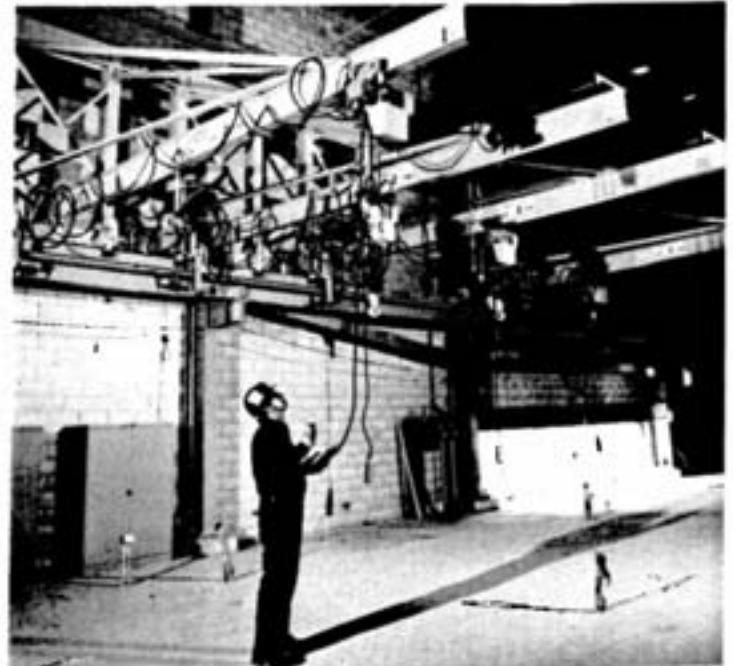
Copper Cliff complex, awaiting the appropriate opportunity to proceed with installations.

Working with only temporary construction lighting, machinist leader Rolly Veccia and his crew admit that there is no substantial for proper lighting.

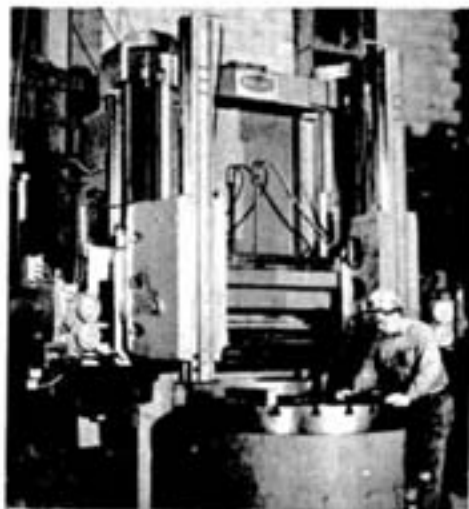
When fully operational, the machine shop will house approximately 200 employees and will offer a vastly



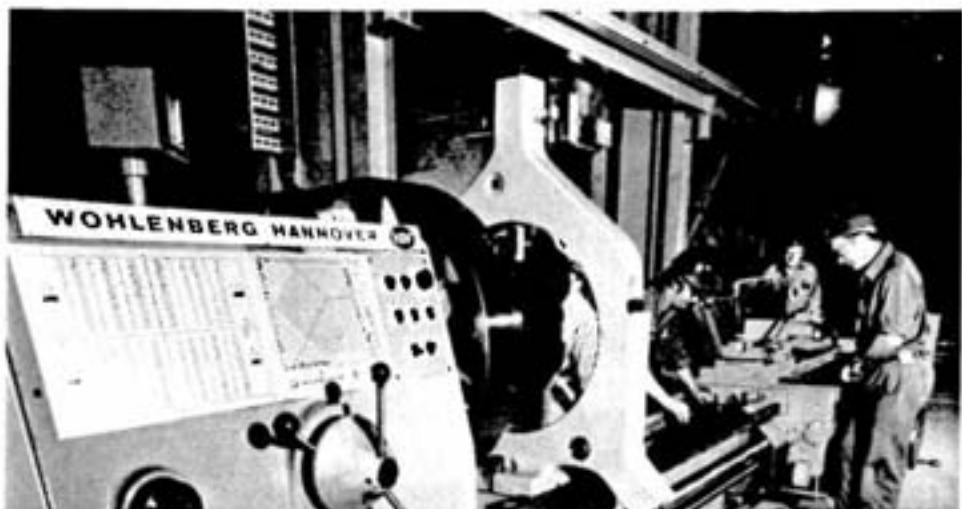
During installation of a 300-ton horizontal forcing press, second class machinist Vern Olson, left, holds a square while first class machinist Hans Fritzemeire checks alignment.



Second class machinist Vern Olson checks out the operation of one of the new two-ton capacity travelling jib cranes, which will save time and effort in the machine shop.



Jim Philps, second class machinist, levels a 56-inch Bullard boring mill which was recently overhauled in Bridgeport, Connecticut.



Cleaning and installing this new 36-inch swing engine lathe demands all hands to the task. From left are Jim Philps, second class machinist; Connie Menard, second class machinist; Hans Fritzemeire, first class machinist, and Rolly Veccia, machinist leader.

expanded service over that which has been available in the past.

Component repair centre personnel began their installations last month, and have uncrated and inspected most of their new equipment and machinery.

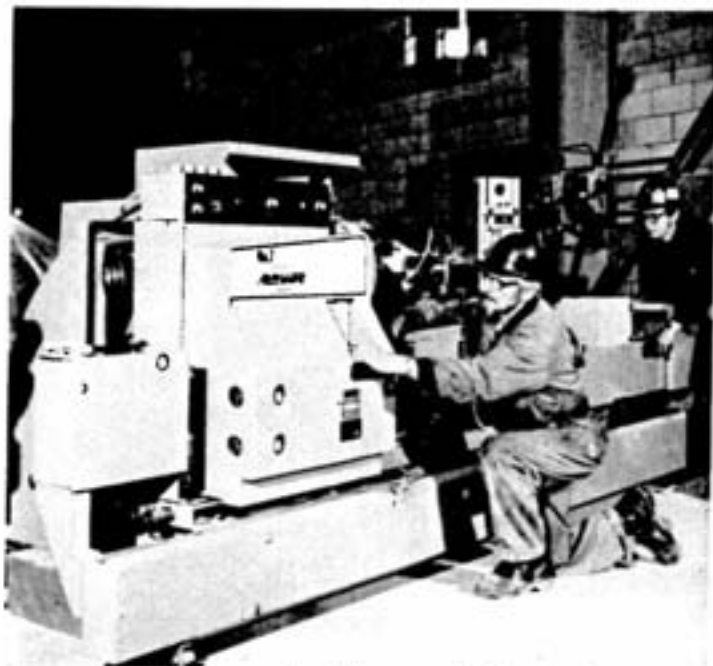
Moving will be spread over the last two weeks of June and the first two weeks of July, in order to complete the task before this year's shutdown.



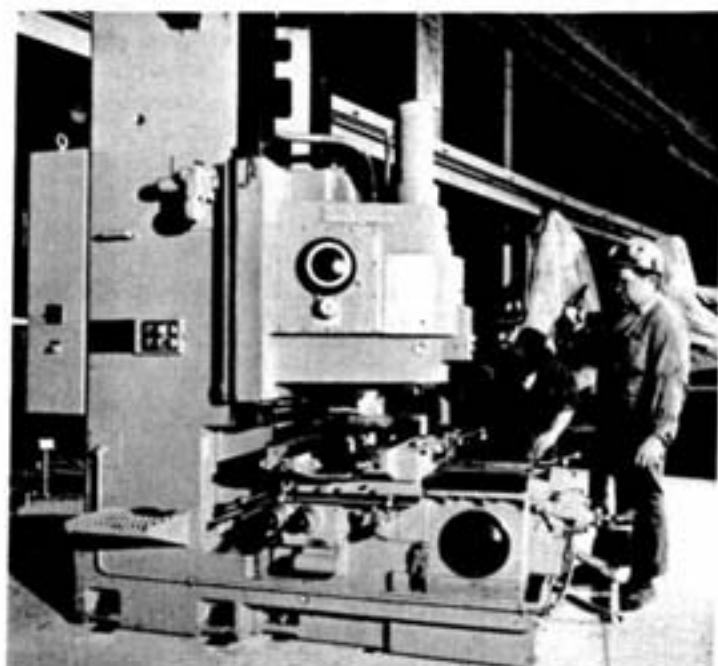
Richard Lampman, first class garage mechanic at the component repair centre, checks the parts basket in a new rotary spray cleaner.



Richard Lampman is seen here erecting one of the many work benches that will be installed in the new component repair centre.



Overcoming the challenge of installing a new Ward automatic turret lathe are Hans Fritzemeire, left, first class machinist and Vern Olson, second class machinist.



This milling machine is a new type for the machine shop and is shown being carefully leveled by second class machinists Connie Menard, left, and Jim Philps.



Peter Ellero, sculptor, prepares a 12-ton block of Little Stobie nickel ore, donated by Inco to the City of Sudbury.

Peter Ellero and son Fred are admittedly proud of their status as two of the very few professional sculptors in Ontario. It's a pride that shows through in the fine craftsmanship of their work, which can range from the most delicate of pale onyx carvings to the classic lines of hand-carved blue granite memorials.

Ellero came from western Italy to Sudbury in 1962 with his wife Emma and two small children, relocating his business which was founded in 1930. He spent two years as a scooptram operator at Creighton mine's No. 3 shaft before deciding to devote all of his time to the family trade.

And family trade it is. Peter's father and his grandfather before him were stone artisans, and the craft has been passed down from father to son. Young Fred, now 23, began carving and polishing at the tender age of 10, and mentioned that he learned more by observation than by instruction. "Like my father always used to tell me, nobody ever teaches you a trade. You have to steal it from them." Fred was made a 45 per cent partner five years ago, in the now-flourishing enterprise known as Peter Ellero and Son Ltd.

As well as memorials, the father/son team design and produce coffee and end tables, chess sets, lamps, statuettes, ashtrays, cigarette boxes, figurines, and much more. In fact, there are an estimated 5,000 pieces of work valued at over \$100,000 displayed in the four Lorne Street showrooms.

Business is divided about equally between decorative work and monuments, with granite used exclusively for memorials because of its durability. Ellero imports black, red, and blue granite from South Africa, grey and red

Rare talent passes on from generation to generation

Sudbury Sculptors

from Quebec, pink from Labrador, and from Ireland comes a very fine crystal granite known as Black Belfast.

Peter designs the monuments himself and cuts the rough shape from the huge slabs of rock, while Fred does most of the fine carving and finishing.

Marble and onyx are used for the ornamental work. The different types of marble, imported from Italy, France, Belgium, Yugoslavia and Portugal, are used largely for pedestals, bases, and small statues. Onyx is a semi-precious gemstone, more expensive than marble, but non-corrosive and not easily stained. Various kinds are imported from Pakistan, India, Guatemala, Mexico and Argentina and, as might be expected, shipping costs are exorbitant, but "that's just part of the business."

Some of the 'extras' on decorative pieces come from Canada; for example, wooden cabinets and electrical fixtures, and lampshades which are ordered from a Quebec firm.

All brasswork must be imported from Italy and, similarly, mechanisms for music boxes, clocks and telephones are imported from Switzerland.

Besides Peter and Fred, there are two young Mexican stoneworkers on staff. "I would have hired Canadians," said Ellero, "but Canada Manpower couldn't locate one single qualified professional sculptor in the country. From coast to coast, they couldn't find me one."

Ellero added that the "big chunks of nickel" he saw when working at Inco gave him ideas for a new type of sculpture and, as a result, he turns the ore into bookends, ashtray and lighter sets, and figurines. One of his table lamps will be of special interest to



This finely-detailed ten-inch grizzly stands on an onyx base and was sculpted from Crean Hill nickel ore.

stoppers at Crean Hill — inside a cylindrical glass base is a nickel ore carving of underground operations.

Inco recently commissioned Ellero to create 1,000 safety awards — bears carved of Crean Hill ore on an onyx base. Another Inco/Ellero joint venture is a 10 by 14-foot copper panel, made of high-grade copper ore and installed in the Regional Council chambers in the Civic Square complex. Fred Ellero says it "signifies what Sudbury is based on, what we started from."

The artistry and craftsmanship evident in the Ellero creations is uncommon and delightful. And although stonework is his livelihood, Peter thinks of it almost as a hobby. "Every piece of stone has its problems that must be worked out. When there's no trouble, it's beautiful." He added simply, "I love my work."

Ugo Flores, one of Ellero's assistants, uses the special grinding wheel to shape an ashtray.





This nickel ore sculpture was inspired by the Old World notion that the owl is a guardian of knowledge.



This semi-automatic diamond saw, valued at \$35,000, can cut any block weighing up to 20 tons into any shape. That's Peter Ellero at the control panel, keeping a careful eye on the progress of the cutting blade.



Guillermo Flores, shop assistant, finishes off an onyx elephant on the diamond carving wheel.



Peter traces a small bear from a pattern. Detailed shaping and carving will be done by hand.



Fred Ellero holds a 30-pound onyx Indian elephant. The chess set is made of onyx and nickel ore and weighs close to 1000 pounds.

Peter packages a 24-inch copy of Michelangelo's "David", hand-carved of pure white Carrara marble.

The pieces displayed in this particular section of the front showroom of the Lorne Street shop are valued at approximately \$15,000. In all, there are an estimated 5,000 pieces of work on display.



The latest "scoop" on



First class garage mechanic Morris Page adjusts the bracket holding fuel injection lines for an ST-2 scooptram, in for a general overhaul from Garson mine.

In our March edition, we featured a story dealing with the curtailment of operations at Copper Cliff North mine and the subsequent dismantling and hoisting of production equipment from the underground workings.

With the removal program now completed, some of you may have been wondering about the continued activity around the plant entrance, particularly with the mine now on a standby basis. Well, it seems that the mine's maintenance people are still hard at it and, in fact, have implemented an ambitious program of repairwork that's keeping them fully occupied.

Centre of attention and scene of activity is the combined shop area, with scooptrams being overhauled in the plate and machine shops since March, and mine cars being modified in the local

Drill fitters Eddie Graham, left, and Gaetan Lalorge reinstall wheel hub parts on a 2-boom fan drill, which is being repaired for Copper Cliff South mine.

Ernie Arbour, first class garage mechanic, adds gear oil to the planetary of the wheel hub of an ST-2 scooptram, received from Garson mine.



Scoops



An overhauled ST-4, slated for Garson mine, receives a final coat of paint from first class garage mechanic John Pilkington.

shovel fitter shop since mid-April.

The decision to repair the scoops internally, rather than send them out to contractors or suppliers, was based on an economic factor as well as the realization that our own maintenance people are fully qualified to recognize repair requirements and perform necessary repairs, rebuilds and overhauls.

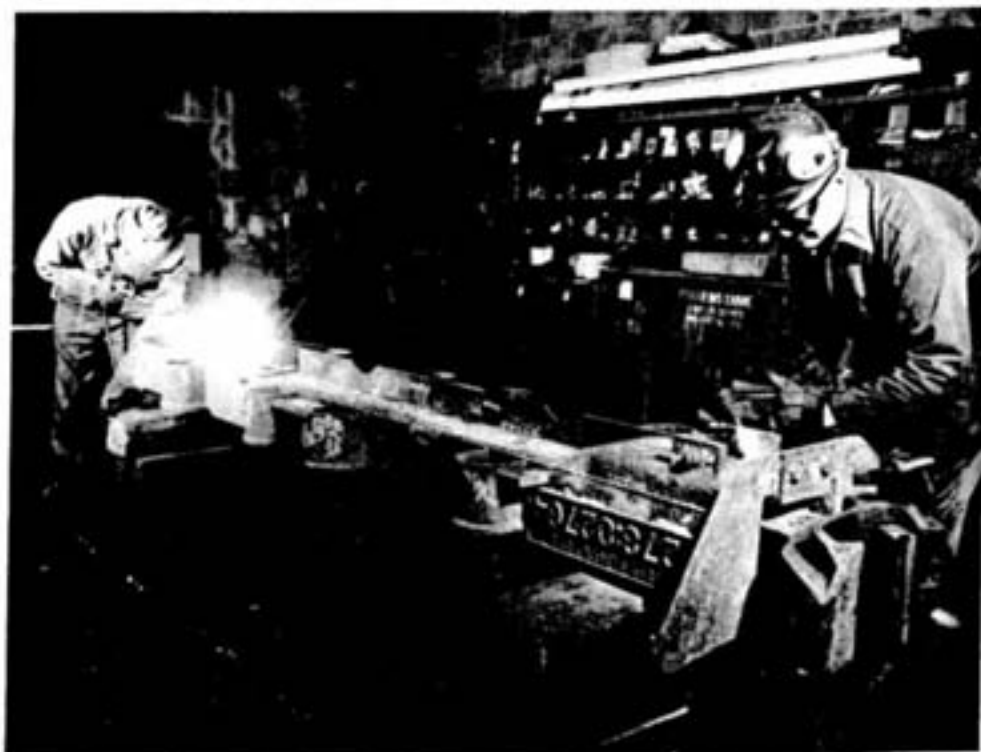
According to Copper Cliff mines area maintenance superintendent John Brodie, the majority of pieces of equipment being worked on are from North mine, with some from Creighton and Crean Hill; they'll be used mainly at Levack, Frood, and Shebandowan mines. "And we're putting quite a few pieces through," he continued. To date, the repair area has overhauled an ST-8 for Shebandowan; a JS-500 five-yard scoop for South mine; an ST-4 for Garson; an ST-8 for Frood; an ST-2 for Garson; a fan drill for South mine and an ST-2 for Shebandowan. In addition, a 140-cubic-foot car from North mine has been converted from a three-foot to two-foot gauge, for service at Garson mine. Added Brodie, "We seem to be short of two-foot-gauge cars, and we have a fair number of good cars here at North mine that can be altered. By converting from 140 to 110 cubic-foot capacity, and three to two-foot gauge, and vice-versa, we can supply the number of cars required to maintain production, without going to the expense of purchasing new."

While plans are indefinite concerning the length of time this kind of program will be in effect at North mine, Brodie mentioned that "we can certainly do the work internally, using our own manpower and expertise. Value judgements can save, too. A supplier may do more than is necessary, while our men can determine exactly what needs doing, they can get at it right away, and in most cases, can perform the work less expensively."



In the midst of a general overhaul are first class garage mechanics Allan Anttila, left, and Don Vallilä. The ST-2 will be going to Shebandowan mine.

Cleo Rochon, left, first class welder, and Bill Ziminski, car repairman, convert an underground mine car chassis from a three-foot to two-foot gauge. Modifying existing cars helps to curb expenditures otherwise required for new cars.





This is the Mark Smith family. A stope leader at Frood mine, Mark enjoys sailing, gardening and photography and plans to spend part of his summer vacation in Europe with his family. Christopher, 8, wife Micheline, Derek, 5, and Cathy, 7.



Joseph Garretta is a process laborer in the converter department. He enjoys gardening and fishing in his spare time and is planning a trip to Nova Scotia during the summer months. That's his wife Mary, and sons Thomas, 21 months, and Michael, 10 months.

Family Album



Conrad Laterriere works in the silver building of the Copper Cliff copper refinery and plans on working around the house this summer. Time permitting, he'll get some fishing in as well. With wife Nicole are sons Yves, 6, and Eric, 8 months.



From the Port Colborne nickel refinery, meet Paul Marcantonio, a member of the basement gang. With his wife Bernice are their children, from left, Linda, 17, Tom, 15, and Brenda, 19. Paul enjoys gardening and camping with the family in his spare time.

A Good Time Was Had By All:

Copper Cliff Chapter of Quarter Century Club Now Boasts Membership Totalling 8,511



The fast growing ranks of the Copper Cliff Chapter of Inco's Quarter Century Club were swelled by 525 new members from the mining, milling, smelting, refining, and the administration and engineering sections at this year's meeting, held at the Inco Club on Frood Road. Despite the size of the groups, the friendly and informal atmosphere of the occasion was retained.

Introduced by senior supervision of his division, each new member and his wife shook hands with the company officers and received their congratulations and good wishes, many pausing to recall old times. The coveted gold lapel badges, signifying 25 years of Inco service, were presented to each new member.

Some of Canada's outstanding television personalities were the headliners of the vastly enjoyed stage show. Al Cherny, a regular on the Tommy Hunter Show, delighted the audience as did Jackie and Coralie Allan, the "Allan Sisters". Supplying the dance music for each evening's event was "Eastwind", a well-known and versatile group.

The Copper Cliff Chapter of Inco's Quarter Century Club now boasts a total membership of 8,511, with 3,841 pensioners and 4,670 active employees.

The Triangle photographer was on hand to record this year's Quarter Century Club gathering, and the following pages prove beyond doubt that "a good time was had by all".













A construction foreman at Creighton mine, Jeff Luck cranks 'er up, while wife Fern works the choke. The 1934 Dodge runs like a charm.

Free-wheeling 44-year-old

Showing off their award for the best restored car at the recent Autorama Canada held in Sudbury, Jeff and Fern put in 2,500 hours of work on the car.



Ordinarily, Jeff Luck doesn't attract undue attention when he wheels around town; after all, there's nothing much out of the ordinary about a 1975 Oldsmobile. But heads sure turn when he decides to hit the road in his gleaming, beige and brown 1934 Dodge.

A construction foreman at Creighton mine, Jeff's been with the company for 13 years now, and explained that he bought the car in 1966 from a Manitoulin farmer. Price? \$500.

Twenty-five hundred man hours of work later, the flat six-cylinder coupe is now worth in the neighbourhood of \$10,000!

Recalling the date of purchase, Jeff remembered that the car "was in pretty fair shape then, except for a few bullet holes." Any and all work that had to be done, he's done himself, with the help of wife Fern, who did "one heck of a job."

They finished the body-work, rebuilt the engine, re-upholstered, did everything but the rechroming. And at Autorama Canada, held last month at the Carmichael Arena in Sudbury, the '34 Dodge took top honors for Best Restored Class auto, competing against 38 other antique models.

The car can do 75 miles per hour, but Jeff rarely puts it over 45. "I figure it's been around for 44 years now; I don't want to harm it by pushing it," he explained.

One of the car's most interesting features is a "free-wheeling" mechanism, which allows the driver to slip into neutral and coast, merely by taking his foot off the accelerator. Free-wheeling was banned in the 1930's because it was thought to be a road hazard, but "this car's got it, so I use it occasionally."

Jeff admits that he and Fern sometimes feel somewhat like Bonnie and Clyde when they drive about in their depression-era Dodge. "I've got this old grey tweed hat that I wear, sort of makes me feel like a gangster," he laughed.

Jeff mentioned that he's keeping an eye open for other old cars that he can revamp, and is particularly looking for one that will be large enough to carry the whole family — he and Fern, daughter Kimberlee, 13, and seven-year-old Buzz.

Would he sell the '34 classic? "Definitely not," he says. "I'd say that car's got about 90 per cent of me in it."

Anyone for Pickerel?

Local Fishermen Invited To Promote Environmental Study

Agnew Lake anglers could get paid for their sport this year and, at the same time, assist Inco Metals Company in compiling data for its study to determine the feasibility of developing further hydro generating facilities on the Spanish River.

Field work involved in the environmental assessment study is nearing completion with a walleye (pickerel) sampling and tagging program in Agnew Lake. Each of several hundred walleye caught in a netting program was weighed, measured, tagged with a numbered tag and carefully released.

The company is offering a \$1 reward for the return of each tag, provided the angler fills out a questionnaire detailing such facts as fish weight and length, and location and date of catch. The information, with the tag, must then be turned in at one of several Agnew Lake tourist establishments displaying special fishing survey signs.

Purpose of the survey is to determine the movement of walleye in Agnew Lake and the possible effects on this fish population of the construction of a hydro generating facility at any of the five sites on the Spanish River above the lake that are being considered by Inco.

Inco already has four generating plants and 11 control dams on the Spanish River watershed and the current \$1 million feasibility study — announced on March 11, 1977 — is designed to establish a cost estimate and determine whether environmentally and economically acceptable locations exist for a hydro-electric plant.

Checking up on the tagging operation recently was Doug Ogston, Ontario Division general foreman at the divisional shops complex. Doug has a special interest in such projects. He's first vice-president of the 18,000-strong Ontario Federation of Anglers and Hunters, chairman of Zone 2 of the Federation and past-president of the Copper Cliff Rod and Gun Club.



Some lucky angler may get the fishing thrill of his life if he ever lands this trophy walleye being weighed by Doug Ogston. (If caught, the fish has a tag redeemable for \$1 for assisting Inco in its Agnew Lake fishing survey.) Additionally, any angler would be pleased to boat a nine and three-quarter pound walleye.



Doug Ogston looks over one of the signs posted at tourist establishments on Agnew Lake, outlining the fish survey underway as part of the company's Spanish River feasibility study.



Applying a metal jaw tag to an Agnew Lake walleye are Doug Ogston, left, and biologist Kevin Young.



Biologists Greg Neill, right, and Kevin Young, of Acres Consulting Services, weigh and record data on a walleye as part of the Agnew Lake fish survey. Fish were weighed, measured and tagged before being released.



A member of the St. Catharines Radio Control Airplane Club, Joe Agius participates in activities that are held at two fields, one near Brock University in St. Catharines, and the other just off Ridge Road in Welland.



Current project for Joe Agius is the building of a Pond-Hopper sea plane, which will be powered by a .40cc K.M.B. engine.

Radio-controlled model airplanes:

Joe Agius builds 'em and flies 'em

Man's age-old fascination with the complexities and advantages of flying has carried him from an early worship of winged creatures to the eventual conquering of space.

Always intrigued by the intricacies of flying, Joe Agius of the Port Colborne nickel refinery now builds and flies his own radio-controlled model airplanes. Joe had been interested in the hobby for a long time, but it wasn't until three years ago that he became actively involved. He heard of the St. Catharines Radio Control Airplane Club, made a few enquiries, and began gathering the necessary equipment to start building. Three months later, he'd finished his first model, a Falcon 56. It took Joe another three months and about 120 hours of labor to complete his Heathkit radio control unit, which has a range of about one mile and has two different frequencies with seven channels, each operating a different control on the plane.

Currently, Joe has two models in flying order: the original Falcon, powered by a .56cc Webra engine, and a Kluz-Bug with a .60cc O.S. Max engine. He's now in the process of building a Pond-Hopper sea plane, which will be powered by a .40cc K.M.B. engine.

The St. Catharines Radio Control Airplane Club has a membership of nearly 60, drawn from all walks of life. Activities are held at two fields, one near Brock University in St. Catharines, and the other just off Ridge Road in Welland.



Don Desjardins, planner, fills test cylinders with a predetermined ratio of tailings, cement and slag.



Project leader Dave Landriault takes readings from a tri-axial compression machine to learn the strength of a sample.

Murray mine:

Sandfill Research Lab

Since early last fall, Murray mine has been the site of a sandfill research lab, where members of the mines engineering department are looking into the possibility of partially replacing the cement used in underground sandfill operations with finely-ground slag.

In the lab, cement, tailings from our sandplants, and ground slag provided by the process technology department are mixed in various ratios, poured into six-inch-diameter by 12-inch-high cardboard test cylinders and allowed to cure

for various lengths of time. When the samples are removed from the special curing room, they're capped with a plaster of Paris cement mixture and tested in a tri-axial compression machine to determine their breaking strength.

Results are then compared to determine what quantities of slag, tailings and cement will produce a strength comparable to the sandfill currently used underground. The right combination will provide a positive use for slag and will naturally result in a lower cost for sandfilling operations.

Terry Gordon, planner, prepares a plaster of Paris cement mixture.

In the Murray mine sandfill research lab, planner Don Desjardins checks the moisture content of tailings brought in from an Inco sandplant.



NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . . .



Track maintenance personnel with Inco's transportation and traffic department recently received individual recognition for their outstanding no-lost-time record. Shown wearing the blue and gold caps which were presented to all regular members of the track section are, from left, track boss **Angelo Cacciotti** and trackmen **Egidio Urso** and **Olimpio Padovan**. Summer students who worked with this section received an inscribed pen and pencil set and a letter of gratitude from the transportation department.



On a daily basis, the locomotive repair shop in Copper Cliff is responsible for maintaining and servicing all of the company's electric and diesel locomotives. Above, **Pat Flke**, a fitter helper at time of shooting, and now a second class locomotive shovel fitter, washes down an air compressor on an electric loco in preparation for scheduled repairs. Below, **Wilbert Spencer**, first class electrician, changes a fan contactor which, in turn, powers the fan motor on an electric locomotive.



A large gathering was on hand at the Port Colborne Club for a reception in honor of **Charles Ott**, who recently retired after 42 years of service. Well-known to numerous people in the Inco organization, Charles was assistant to the manager of the Port Colborne nickel refinery at the time of his retirement. Posing for The Triangle photographer are, from left, **Gordon Machum**, Inco Metals Company vice-president, Charles and **Audrey Ott**, **Warner Woodley**, Inco Metals Company vice-president, and **Ross Butler**, superintendent of maintenance and engineering, Port Colborne nickel refinery.



In order to increase wear life, second-class welder **Victor Naumenko** welds wear pads on a shorthaul locking nut in a repair area at Frood-Stobie mill's crushing plant. The task is part of a rebuild for the locking nut on a shorthaul crusher mantle.

Logo Writer



Walter Chornenky

This month's logo writer is none other than **Walter Chornenky**, an industrial relations representative at Froid mine, and the president of the Lively Golf and Country Club. Says Walter, one of the original founders of the Club: "We started about 18 years ago, and thanks to a dedicated executive and membership, we are fast approaching the day when our course will boast 18 holes." According to the hard-working president, total membership is nearing the 500 mark, with more applications coming in at a steady rate. "It's been a long battle", he says, "but thanks to a generous Wintario grant and that past and continuing assistance from Inco, we'll soon have one of the finest golf courses in Northern Ontario. Add to all this a dedicated membership, a hard-working executive and one of the best greenskeepers, you can readily see why we've been so successful!"

**Canada.
It's you and me.**



**Canada
Week.**

Celebrate it! June 25 - July 1.



The Sudbury Chapter of the St. John Ambulance Association was the recent recipient of a \$2,500 donation from the Ontario Division of Inco Metals Company, following the group's 1978 appeal for financial assistance. **Brian Pearson**, left, director of the Sudbury Chapter, accepted the donation from **Hank Derks**, the Ontario Division's chief first aid co-ordinator.



Inco Metals Company recently hosted the newsmen who covered the "Memorial Cup" playoffs. Following an extensive tour of surface installations in Copper Cliff, members of the press and Inco officials met at the Copper Cliff Club. Above, **Mel Young**, assistant to the Ontario Division president, chats with two of the nominees for the CCM award as outstanding junior hockey players in Canada. **Ryan Walter**, of the Seattle Breakers, is at left; **Kevin Reeves**, of the Montreal Juniors, is at right.

NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . . .



Japanese-style karate, otherwise known as Goju-Ryu, is more than just a passing fancy for an increasing number of Inco people. As well as providing a high degree of self-protection, the art also develops self-confidence, dexterity, and quick-thinking. Shown during a karate class at Lansdowne Public School are **Don Gauthier**, centre, certified instructor, third degree black belt — dad Fred is retired from the central utilities department after 30 years with the company — **Don Benoit**, left, a process laborer at the Iron Ore Recovery Plant and a second degree black belt, and **Roy Benoit**, a trackman on the 6400 level, Creighton mine.



Alfred P. Statham has been elected vice-president of Inco Limited, with corporate responsibility for public affairs, including public relations and government affairs, effective June 1. Mr. Statham has served the company as a vice-president of Inco United States, Inc. and vice-president of The International Nickel Company, Inc., the U.S. marketing subsidiary of Inco Limited, since 1975. Since June 1977, Mr. Statham has had overall corporate responsibility for the public affairs aspects of Inco Limited's activities relating to ocean mining. Prior to joining Inco, Mr. Statham was with IBM Corporation in Washington, D.C. as counsel, government relations. From 1963 to 1966, he was a legislative assistant to U.S. Senator John C. Stennis. He was engaged in private law practice from 1960 to 1963.



Randy Lawson, right, safety supervisor for the converter department at the Copper Cliff smelter, recently organized a highly successful blood donor clinic which drew some 120 participants. The clinic was held in the Copper Cliff warehouse and was open to all smelter employees. Above, Red Cross volunteer **Aurere Duchesne** seals blood packages, assisted by **Debbie Crawford**, Red Cross blood transfusion service, and Randy Lawson.

Canada
it's you and me

Canada Week
June 25th - July 1st



Le Canada
c'est toi et moi

La semaine du Canada
25 juin - 1^{er} juillet

NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . . .



While many people are said to have a hypnotic effect on others, the statement, in the case of **Gary Lot**, can be applied literally rather than figuratively. Gary, an Inco writer for the Modular Training System, has been practising the art of hypnotism since 1955, and has since completed courses in Scientific Hypnosis and Self-Hypnosis, Advanced Hypnotic Techniques, and Stress Control. A professional member of numerous related associations, Gary practises prescription hypnosis on a referral basis, and now averages approximately 450 'inductions' yearly. Shown above with Gary is his wife **Betty**, left, a longtime subject, and neighbor **Burleigh Martin**, centre, who substituted hypnosis for anaesthetics when giving birth to two children. Considered a deep subject, Burleigh felt no pain during childbirth. The machine Gary is holding is a brain wave synchroniser, used, in some instances, to help hypnotise subjects.



Don Taylor, centre, chairman of the Sudbury Regional Board of Police Commissioners and vice-president and general manager of Nickel Basin Properties Limited, takes a close look at the two newly-acquired Harley-Davidson 1200 series motorbikes. Known as 'police specials', the bikes are valued at over \$6,000 apiece and are adapted for mobile radar which allows them to clock oncoming and stationary traffic. Getting set to give the bikes a run are **Joe Lavoie**, left, staff sergeant and branch commander, Sudbury Regional Police Traffic Division, and constable **John Aho**. The Traffic Division, by the way, is responsible for policing a territory of 1,080 square miles.



The 61st annual inspection of the Copper Cliff Highlanders took place recently in Copper Cliff's Nickel Park, with the cadet corps and pipes and drums parading in full dress for officials and spectators alike. Inspecting the Highlanders was reviewing officer **Colonel G. S. Kells**, C.D., deputy chief of staff, operations, Canadian Forces training systems headquarters, Trenton. At right, **cadet-lieutenant Susan Zohar**, shown with Colonel Kells, was one of six cadets to engage in special exercises during the annual ceremony.

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Following their successful performance at this year's Quarter Century Club gatherings, the **Allan Sisters**, Jackie and Coralie, took time out from their busy schedule to tour surface and underground installations at Creighton No. 3 and No. 9 shafts. "This was their first time underground," said area manager **Paul Parker**, "and you can well imagine the girls' reaction when we took them down to the 7,000-foot level!" Above, the versatile performers are pictured in the Creighton mine warmroom where they chatted with a group of miners who were waiting to catch their cage. **Ted Flanagan**, Creighton mine superintendent, is at left; Paul Parker at right.

Appointments and Re-Assignments

Gerald Charron, maintenance services co-ordinator, Copper Cliff nickel refinery.

Shane Desjardins, maintenance general foreman, Iron Ore Recovery Plant.

Dr. Carlos Diaz, section head, pyrometallurgical facilities, J. Roy Gordon Research Laboratory, Sheridan Park.

Delbert Gates, general foreman, matte processing, Copper Cliff.

Donna Halverson, librarian, computer systems, Copper Cliff.

Ronald Hewitt, warehouse foreman, purchasing-warehousing, Clarabelle mill.

George Middleton, training supervisor, Copper Cliff smelter.

Melvin Roberts, maintenance foreman, Copper Cliff nickel refinery.

Linda Thompson, maintenance clerk steno, maintenance field force, Copper Cliff.

Dr. Walter Woychuk, medical director, Copper Cliff.

Stanko Zajc, protection supervisor, central utilities, Copper Cliff.

Berno Wenzl, oxygen plants operations engineer, central utilities, Copper Cliff.



The day is fast approaching when the Lively Golf and Country Club will boast an 18-hole course. However, much work remains to be done. Clearing the additional fairways of stones and accumulated debris remains one of the most time-consuming tasks. Above, a large contingent of volunteer members were out the other weekend to help clear No. 15 fairway. At right, **John Mulloch**, left, **Walter Chornenky** and **Jack Holtby**, executive members of the Lively Golf Club, set a shining example by clearing one of the fairways.

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Everyday use and stress on some metal parts causes flaws undetectable by visual inspection. Here **Mike Lizotte** of maintenance engineering in Copper Cliff and **Bill Reich** of the maintenance department at the Port Colborne nickel refinery, test a crane shaft with ultrasonic waves to determine the existence and location of any flaws. All crane shafts are tested on a yearly basis, as are many other parts. In addition to the ultrasonic waves, several other nondestructive methods of testing are used.



A large turnout was recorded at a recent **Pensioners' Day**, when some 250 retired employees of the Copper Cliff copper refinery and the Copper Cliff process technology department gathered at the McLelland Arena in Copper Cliff prior to their tour of Inco Metals installations. According to one of the old-timers, who had travelled over 400 miles to be on hand for the day's event, it was by far his best "outing" in years. Above, employment assistant **Helen Gordon**, left, and executive secretary **Joan Lapointe**, right, attach identification badges to pensioners **Chris Briggs**, second from left, and **Les Ramsey**. Pensioners' Days for individual plants continue through to June 28.



A Canadian Broadcasting Corporation film crew travelled from Toronto to the Sudbury area recently to shoot location scenes for an upcoming television drama movie. Here the crew prepares to shoot footage near an Inco slag dump, one of several company sites to be featured in the movie, scheduled for airing next January.



Trevor Fregren, right, newly-appointed manager of the Port Colborne nickel refinery, recently presented a \$1,000 cheque on behalf of Inco Metals Company to Port Colborne Chamber of Commerce representative **A. C. "Scotty" Blackwood**, second from right. At the same time, **Claude LaBriere**, left, and **Claire McKay**, representing the Canadian Society of Children's Authors, Illustrators and Performers, presented an award of merit to the City of Port Colborne for its part in encouraging Canadian literature by hosting Canadian Authors' Day. Over 20 of Canada's leading children's authors, illustrators and performers were in Port Colborne for the day's event.

For up-to-the-minute information,
dial

Inco Hotline

Sudbury 682-0626
Port Colborne 835-2454



... ALEX GRAY at the shears

PLANT MAINTENANCE

With the growing season now well underway, Inco's Copper Cliff greenhouse is once again being deluged with inquiries concerning plant and garden care. To help answer the more common questions, the next few issues of The Triangle will feature specific information gathered and offered by Alex Gray, agriculture technician at the greenhouse.

My cedars and evergreens have turned brown over the winter — what can I do to prevent this from happening?

Winter drying is a fairly common problem, caused by the early spring sun shining on the needles. The sap, still frozen, is thawed and starts to lose moisture by evaporation. Unfortunately, the root system is still frozen and cannot bring up water to replace the moisture loss, resulting in a browning of the needles due to dehydration. There are several tricks that can help. First, pour plenty of water around your evergreens in the fall of the year, making sure they go into the frost period thoroughly saturated. Wrapping with burlap also helps, provided you don't remove it too early in the spring. Spraying with a cellulose compound called 'Wilt-Pruf' will help to seal the needle surface, thus preventing a loss of moisture.

How often should I water my house plants?

While this might seem to be the easiest question to answer, it's actually one of the most difficult, because there are so many variables to consider. For instance: how large is the plant? what type of soil is it growing in? When was the last time it was repotted? Where is it growing? what are the light conditions? All of these, and more, have a bearing on how often the plant needs water, but a pretty good rule of thumb is to water from the top until the surplus drains out of the bottom holes, then pour off any water that drains out. Never plant in a planter without drainage, and never allow the roots to stand in water.

What can I do to bring my Christmas poinsettia into bloom again next year?

After Christmas is over, the plant will retain the red bracts for many months but, sometime

during May or early June, the plant should be cut back severely. If you examine your plant carefully, you'll notice that from soil level, the stem will branch out about three to four inches. Trace along the branches until you find the second node or leaf joint, and cut off each branch about half an inch above that joint, removing most of the top growth from the plant. Feed regularly every three weeks with a 20-20-20 soluble fertilizer and, as soon as the ground is frost-free, plunge the plant, still in the pot, into the garden. Continue to feed during the summer months and, before the danger of fall frost, dig it up and bring it back into the house. By this time, your plant should have developed a thick bushy growth. To initiate the red bracts for Christmas, the plant must be given the 'short day' treatment; that is, it should be grown in full light during the day, but from November 1, be given 14 hours of complete darkness daily. Cover with a black material or place in a completely dark closet from 6 pm till 8 am. The red bracts should return in about six weeks, just in time for Christmas.

How can I keep my geraniums from year to year?

There are two ways to increase your stock of geraniums. Firstly, cuttings can be taken in the fall of the year, before the frost, simply by cutting off the growing tip of each stem and allowing two nodes or leaf joints below the surface and two above; therefore, the cutting must have four nodes. Strip off all of the leaves except at the growing tip, leaving only two full leaves there. Cut the stem diagonally through the node, three nodes below the growing tip, and dip in a No. 1 rooting hormone. Plant firmly in perlite, vermiculite, or clean sharp sand. Keep moist and leave undisturbed until rooted, then transplant into a growing medium. The second method is to lift the parent plant before the danger of frost, pot it into a large pot, bring it indoors, and trim back the top growth to about the second node. By trimming severely, you encourage new shoots, resulting in a compact, bushy plant; otherwise, the plant will shed most of its leaves, resulting in a tall, bare plant.