

# The Triangle

JULY 1979



# The Triangle

Editor,  
Rudolph Kneer



## ON THE COVER . . .

There is no substitute for working with safe and mechanically sound equipment. Needless to say, therefore, that members of Inco's maintenance departments were kept busy checking out equipment at mines and plants following the lengthy work stoppage.

At Little Stobie mine, an experienced crew safety-checked this ST5 scooptram prior to sending it underground via the ramp system. Parked in front of the impressive Little Stobie mine headframe and water tower, the unit was thoroughly inspected by, from left, Peter Gough, garage mechanic; Bernie Bouffard, maintenance foreman; Norm Charbonneau, scooptram operator; Ross Sanders, garage mechanic; and Leo Lecompte, garage mechanic.

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## Company and Union Officials Sign Collective Bargaining Agreement June 5



Members of the union bargaining committee sign the official documents that contain the terms of the new collective agreement and letters of understanding between the company and the union. Union representatives are, from left, Len Duffy, Keith Lovely, Rene Fortin, Ernie St. Jean, Wayne Fraser, Tom Burroughs, Norm Carriere and Local 6500 president Dave Patterson. Below, company negotiators Wally Gretton, left, manager of industrial relations, chief negotiator Bill Correll, vice-president, Inco Metals Company, and Wint Newman, president of the Ontario Division, sign the official documents containing the memorandum of agreement which was ratified by employees on June 3. In a statement following ratification, Ontario Division president Wint Newman stated that the decision to end the long and costly strike is a welcome one. He went on to say that the company shares the relief of the Sudbury community that the strike is now over. "The company recognizes the strain placed on its relationship with employees, the union and the community of Sudbury over the past eight and one-half months," he said. "A co-operative effort by all parties involved will be required in the important task ahead of helping restore stability and progress in Sudbury."





Bernard Young is a plateworker at the Copper Cliff plate shop and has been with Inco for the past eight years. An avid tennis player, Bernard also enjoys fishing and hunting. That's his wife, Patricia, daughter Tracy, 30 months, and son Scott, 8. The family's German shorthair pointer, Ben, recently won his first championship title.



From Port Colborne this month we have the Carmine Pagliaro family. Carmine, a 24 year veteran with Inco, is currently a head stripper in the electrolytic nickel refining department. His hobbies include caring for a large vegetable garden and breeding canaries. With his wife Sarah are children Angie, Mrs. Mario Costabile, Lydia, 18, and Paul, 15.

## Family Album



An Incoite for the past 8 1/2 years, Oscar Baronette is a garage mechanic at Garson mine. A volunteer fireman at No. 6 station in Garson, Oscar plays blooper ball in the Sudbury playground league and also finds time restoring old cars in his spare time. Smiling at the Triangle photographer are his wife, Caroline, son Donald, 9, and daughter Lisa, 7.



With over 13 years of service to his credit, Jean-Pierre Lauzon is a storeman at the Copper Cliff warehouse. Along with his wife, Deane, he teaches ballroom dancing in his spare time. A gardening enthusiast, Deane was the winner of five awards in last year's annual show of the Sudbury Horticultural Society. That's daughter Carol, 7, and son Mark, 10.



Determined to Retain Trophy in 1979:

## Copper Cliff South Mine is Proud Winner of Coveted 1978 All-Mines Safety Award



Bob Levac, dryman, left, looks on as Clare Cyr, diamond drill foreman, presents a beautiful pen set, mounted on an onyx base, to sandfillman Tom Donnelly. All employees at Copper Cliff South mine were given the combination pen set for playing their part in achieving the fine safety record.

Copper Cliff South mine, keyed to a great effort, has won the 1978 All Mines Safety Award by turning in the best all-mines safety performance among Inco's Ontario Division mines in 1978.

Jubilant, but still not satisfied, Copper Cliff South mine personnel are determined to retain the trophy for 1979 as well.

"I think our people deserve a terrific amount of credit for their achievement in setting this record," Copper Cliff mines area manager Bob Ludgate said to *The Triangle*. "Our secret of success is based on co-operation, teamwork and team spirit," he enthused. "Every employee at South mine has a share in the winning of this coveted trophy through personal interest and co-operation."

All sections of the company's operations will join in hailing Copper Cliff South mine on its fine performance and, at the same time, resolve to go it one better!

Copper Cliff South mine personnel proudly gather around the All-Mines Safety Award Trophy, presented to them for their first-place safety standing in 1978. The trophy is carved in solid redwood and depicts on its four sides various underground mining operations.



Experiment in  
exploration drift

# Mining Tomatoes



*Tom Peters, head of Inco's agriculture department, checks the growth progress of Tuck Queen tomato plants, now being nurtured in an underground environment.*

Inco Metals can always count on the agriculture department to come up with the unusual and imaginative - this time, it's a first-ever experiment to determine the potential of growing tomatoes in an underground environment. And it's working!

The idea originated with our southern neighbours, and Tom Peters, head of Inco's agriculture department, has implemented the program at Creighton No. 9 mine, with the transfer of 80 Tuck Queen tomato plants to an exploration drift on the 5600 level.

The plants, chosen for their ability to grow indoors, were germinated at the Copper Cliff greenhouse and shipped to Creighton mine at the two-week stage. There's sufficient heat at the 5600 level to permit growth, with temperatures remaining constant at 78°F. The plants are watered three times weekly, and light needed for the photosynthesis process is supplied by high-pressure sodium lamps, activated by a timer and providing 14 hours of light per day.

Lettuce is also being grown, and thoughts are turning to mushrooms and English cucumbers, with the possibility of using Levack mine as another experimental growing area.



*Light is provided by high-pressure sodium lamps. Here Daryl Bolton, of the agriculture department, waters the special tomato plants which are growing in an exploration drift on the 5600 level of Creighton No. 9 mine.*

# John McCreedy elected Vice-Chairman of Inco Limited

## Donald J. Phillips moves to top Inco Metals post

The board of directors has elected John McCreedy vice-chairman of Inco Limited, effective June 15, 1979. At the same time it was announced that Donald J. Phillips has been elected chief executive officer of Inco Metals Company, a unit of Inco Limited that operates its primary metals business. Mr. Phillips continues as president of Inco Metals Company and, on becoming chief executive officer, succeeds John McCreedy, the newly-elected vice-chairman of Inco Limited.

**Mr. McCreedy** was formerly chairman and chief executive officer of Inco Metals Company, a unit of Inco Limited that operates its primary metals business, since April 1, 1977; and he has been director of Inco Limited since January 1974. He was a senior vice-president of Inco Limited from March 1973 until April 1977.

Mr. McCreedy joined Inco at Copper Cliff, Ontario, in 1949 and held positions of increasing responsibility in the mining operations, becoming superintendent of mines for the Ontario Division in 1962. He was appointed division general manager (Manitoba) in 1967. He was appointed assistant vice-president of the company in 1969 and vice-president in 1970. In December 1970, he was also appointed general manager of the Ontario Division. He served as president of the Ontario Division from April 1972 to 1973.

Before joining Inco, Mr. McCreedy was a professional hockey player with the Toronto Maple Leafs of the National Hockey League. From 1942 to 1945, he served in the Royal Canadian Air Force.

Mr. McCreedy received a Bachelor of Applied Science degree in mining from the University of Toronto in 1949. He is the author of several published articles and technical papers dealing with mining.

Mr. McCreedy was recently elected president of The Mining Association of Canada. He is a director of the St. Lawrence Cement Company; Bramalea Limited; the Centre for Resource Studies, Queen's University, and the National Advisory Committee on the Mining Industry.

He is a member of The Association of Professional Engineers of Ontario, The Canadian Institute of Mining and Metallurgy, and The American Institute of Mining, Metallurgical and Petroleum Engineers. He is also a member of the Copper Cliff Club, Copper Cliff; Thompson (Manitoba) Golf Club; Toronto Golf Club; the Toronto Club; and the Canadian Club of New York.

Born in Winnipeg, Manitoba, on March 23, 1917, Mr. McCreedy is married to the former Ila Elizabeth Maxwell. They have one daughter.

**Mr. Phillips** had been president and chief operating officer of Inco Metals Company since April 1, 1977. Before that, he was chairman and chief officer of Inco Europe Limited, the United Kingdom subsidiary of Inco Limited.

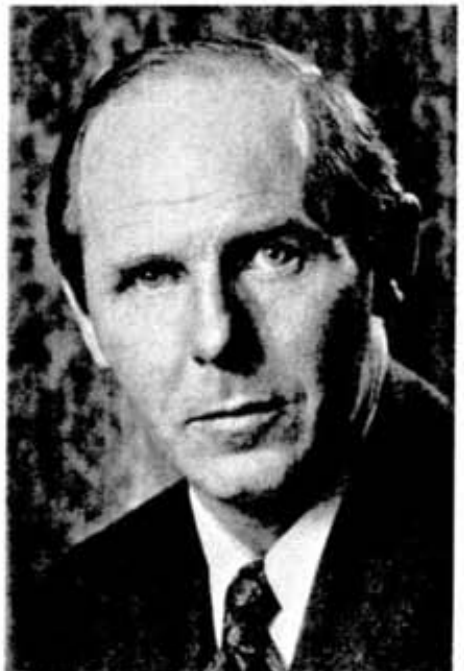
Mr. Phillips joined Inco Europe Limited in 1956 as a technical officer and was appointed assistant to the sales director in 1967, sales manager later that year and general marketing manager in 1969. He became assistant managing director in 1970, was appointed managing director in 1971 and chairman and chief officer in 1972.

He was born in Ebbw Vale, Monmouthshire, Wales, in 1930, and educated in Ebbw Vale Grammar School. In 1951, he was awarded his Bachelor of Science degree at the University of Wales, Cardiff, and took the advanced diploma of education the following year.

Following two years of national service as a flying officer in the Royal Air Force, he lectured on chemistry for two years for the Portsmouth Education Authority.



*John McCreedy  
Vice-Chairman, Inco Limited*



*Donald J. Phillips  
Chief Executive Officer  
Inco Metals Company*



# Ontario Division President Announces Major Changes in Management Responsibilities

Wint Newman, Ontario Division president, has announced the following appointments: Ron Brown, Assistant to the President; Bob Browne, Assistant Vice-President; Milt Jowsey, Assistant Vice-President; John MacDougall, Assistant Vice-President; Frank Sorochinsky, Assistant Vice-President; Morry Brown, Director of Public Affairs; Bill Buchanan, Division Planner; Dave Huggins, Manager, Process Technology; Hugh Judges, Manager, Matte Processing, and Peter Ryan, Manager, Copper Cliff Nickel Refinery.



*R.M. Brown*

**R.M. Brown** will report to the President of the Ontario Division and will be responsible for a broad range of assignments as directed by the President.



*R.N. Browne*

**R.N. Browne** will report to G.O. Machum, Vice-President, Smelting & Refining and will be responsible for the Division Smelting, Matte Processing, Refining and Iron Ore Recovery operations.



*M.E. Jowsey*

**M.E. Jowsey** will report to T.D. Parris, Vice-President, Mining & Milling and will be responsible for the operation of the Ontario Division mines.



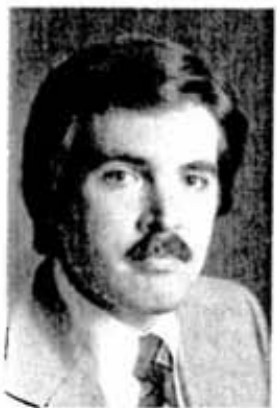
*J.S. MacDougall*

**J.S. MacDougall** will report to J.A.W. Woodley, Vice-President, Administration & Engineering and will be responsible for Central Maintenance, Utilities, Construction and General Engineering activities.



*F.S. Sorochinsky*

**F.S. Sorochinsky** will also report to J.A.W. Woodley and will be responsible for the Division Computer Systems, Industrial Engineering, Personnel, Industrial Relations and Purchasing & Warehousing activities.



*M.E. Brown*

**M.E. Brown** has been appointed Director of Public Affairs. He replaces Harry Tompkins who is now Manager of Media Relations of Inco Limited, Toronto. Morry was formerly Superintendent of Public Affairs of the Manitoba Division operations.



*W.H. Buchanan*

**W.H. Buchanan's** responsibilities will include the coordination of production planning and the review of capital appropriation requests. He will report to J.A.W. Woodley, Vice-President, Administration & Engineering.



*D.A. Huggins*

**D.A. Huggins** is the new manager of Process Technology in Copper Cliff. Prior to his new appointment, he was the Superintendent of Operations for the Copper Cliff Copper Refinery.



*H.S. Judges*

**H.S. Judges** will report to R.N. Browne, Assistant Vice-President and will be responsible for the Division Matte Processing operations.



*P.J. Ryan*

**P.J. Ryan**, the newly-appointed Manager of the Copper Cliff Nickel Refinery, was appointed General Superintendent of the Port Colborne Research Stations in 1973, and, in 1976, was appointed Manager, Process Technology, Ontario Division.



Janice Adlington



Felix Belisle



Ronald Goegan



Patrick Kelly



Jeff Krause

A total of 18 students, 15 in the Sudbury area, two in Port Colborne area, and one in the Toronto area, have won scholarships awarded by Inco Metals Company. In all, 21 scholarships, with an annual value of up to \$2,250 each, are being awarded to children of Inco employees and pensioners in Canada for the 1979-80 academic year.

Each scholarship provides tuition, fees and a stipend of \$750 annually to the recipient. In addition, there is also a supplemental grant to the university of \$300 to \$500, depending on the selected field of study. The awards are made on a one-year basis by an independent selection committee of high school principals from the Sudbury District and Port Colborne, Ontario, and from Thompson, Manitoba. They are renewable for three additional years or until graduation, whichever is the shorter period. Recipients are unrestricted as to their field of study.

A total of 320 children of Inco employees and pensioners have received awards since the plan was begun in 1956.

This year's scholarship winners from the Sudbury area are:

**Janice Adlington**, of Sudbury. She is a graduate of Lasalle Secondary School. Her father, Dick Adlington, recently retired as area geologist from the mines exploration department. Janice plans to study creative writing at York University.

**Felix Belisle**, of Chelmsford, a graduate of Hanmer Secondary School. His father, Paul Belisle, is an Inco pensioner who retired from Froid mine. Felix will study chemical engineering at Laurentian University.

**Michael Browne**, of Copper Cliff, a graduate of St. Charles College. His father, Robert Browne, is assistant vice-president, responsible for smelting and refining. Michael plans to study business administration at the University of Western Ontario.

**Frank Gerencser**, of Sudbury, a graduate of Sudbury Secondary School. His father, Joseph Gerencser, deceased,

had worked at Froid-Stobie mine. Frank plans to study systems design engineering at the University of Waterloo.

**Ronald Goegan**, of Sudbury, a graduate of Nickel District Collegiate. His father, Joseph Goegan, is a maintenance mechanic with the mechanical department in Copper Cliff. Ron is planning to study the mathematics co-op program (CA program) at the University of Waterloo.

**Patrick Kelly**, of Levack, a graduate of Levack District High School. His father is Frank Kelly, superintendent of Stobie mine. Patrick intends to enter the general science program at the University of Waterloo.

**Jeff Krause**, of Sudbury, a graduate of Lo-Ellen Park Secondary School. His father, Barry Krause, is a geophysicist with the field exploration department in Copper Cliff. Jeffrey will study engineering science at the University of Western Ontario.

**Angela Krucas**, of Sudbury, a graduate of Lasalle Secondary School. Her father is



John Prestage



Terry Lee Stuart



Curtis Sorgini



Julius Toth





*Michael Browne*



*Frank Gerencser*



*Angela Krucas*



*James Lee*



*Susan Noonan*

Joseph Krucas, a maintenance mechanic in Copper Cliff. Angela plans to major in English from the University of Toronto.

**James Lee**, of Copper Cliff, a graduate of Copper Cliff High School. His father is James Lee, an Inco pensioner, retired as a concept engineer in Copper Cliff. James will study engineering science at the University of Toronto.

**Susan Noonan**, of Copper Cliff, a graduate of Copper Cliff High School. Her father is Jack Noonan, manager of environmental control in Copper Cliff. Susan plans to study commerce at Queen's University.

**John Prestage**, of Sudbury, a graduate of Nickel District Collegiate. His father, Douglas Prestage, is a maintenance foreman at Frood Mine. John plans to study social science at the University of Toronto.

**Terry-Lee Shuart**, of Sudbury, a graduate of Lockerby Composite

Secondary School. Her father, R.D. Shuart, is an accounting clerk with data control in Copper Cliff. Terry-Lee plans to study journalism at Carleton University.

**Curtis Sorgini**, of Sudbury, a graduate of Lockerby Composite Secondary School. His father, John Sorgini, is a general foreman with the maintenance department in Copper Cliff. Curtis plans to study science at the University of Western Ontario.

**Julius Toth**, of Wahnapiatae, a graduate of St. Charles College. His father, Julius Toth, is a senior chemist at the Copper Cliff control lab. Julius will study pre-med at the University of Toronto.

**Kathy Wolf**, of Whitefish, a graduate of Lively District High School. Her mother, Liana Wolf, is a chemist at Copper Cliff. Kathy plans to enrol in the faculty of applied science at Queen's University to study engineering.

Scholarship winners from the Port Colborne and Toronto areas are:

**Sandra Allen**, of Port Colborne, a graduate of A.N. Myer Secondary School in Niagara Falls. She is the daughter of Darrel Allen, a professional engineer at the process research station in Port Colborne. Sandra plans to study business administration at Carleton University.

**Christopher Thompson**, of Oakville, a graduate of Appleby College. He is the son of J.R. Michael Thompson, a senior process engineer at the company's Toronto office. Christopher plans to enter Queen's University as a Dean's and Anniversary Scholar to pursue studies in engineering.

**Alexander Zahavich**, of Port Colborne, a graduate of Notre Dame College in Welland. He is the son of retired electrical superintendent of the Port Colborne Nickel Refinery. Alexander Zahavich. Alexander plans to study industrial design engineering at Carleton University.



*Kathy Wolf*



*Sandra Allen*



*Christopher Thompson*



*Alexander Zahavich*



**Leger Bertrand**  
\$920 Award  
Copper Cliff Smelter



**Bill Gagnon**  
\$780 Award  
Creighton Mine



**Heinz Joraszik**  
\$500 Award  
Creighton Mine



**Murray Furlotte**  
\$255 Award  
Creighton Mine



**Normand Maillet**  
\$200 Award  
Copper Cliff South Mine



**Stefan Bilyj**  
\$125 Award  
Creighton Mine



A shaft inspector leader at Creighton mine, **Raimond Rammul**, left accepts his \$3,890 suggestion award from **Paul Parker**, area manager, Creighton complex. It is one of the larger suggestion plan awards paid to a Creighton mine employee to date.

## Smart Thinking Nets Creighton Mine Employee \$3,890 from Company's Suggestion Awards Program

Creighton mine employees took a large number of this month's suggestion plan awards, with **Raimond Rammul**, a shaft leader inspector, receiving the top award of \$3,890 for his suggestion to modify the angle clips on steel chute segments used in underground workings. His idea resulted in an all-mines saving.

**Leger Bertrand**, of the Copper Cliff smelter, collected \$920 for his idea to install headlight protectors on scooptrams.

Creighton mine's **Bill Gagnon**, received a cheque for \$780 for his proposal to rebuild and copper-plate rotary valves on CIR slushers.

Another Creighton employee, **Heinz Joraszik** picked up \$500 for his suggestion to install automatic oilers on air-operated welding machines.

**Murray Furlotte**, also of Creighton mine, took home \$255 for his proposal concerning modifications to the Montabert hydraulic drill jumbo. Murray also split an award with **Ron Linville**, of Creighton mine. Their idea to fabricate an improved guard for the auto rotation on In-the-Hole drills won them \$325.

A Copper Cliff South mine employee, **Normand Maillet** clicked with his proposal to modify In-the-Hole drills. He received \$200 for his thoughts.

**Stefan Bilyj**, of Creighton mine, picked up \$100. He suggested that dust collectors be vented outside the building.

Also from Creighton mine, **Vasile Dumencu** received \$90 for his suggestion to replace Warren Rupp sandpiper pumps with neoprene flap valves.

**Wendell Tait**, of Copper Cliff South mine, received two suggestion awards. His idea to install terminal blocks on underground telephone lines earned him \$90; another suggestion to install control relays on picking belts parallel with long belts gave Wendell an additional \$75.

**William Banks**, of the Copper Cliff nickel refinery, was awarded \$60 for his suggestion to install a removable brick partition in granulation abort moulds.

Other \$60 suggestion plan awards went to **Kenneth Bassett**, of the iron ore recovery plant; **David Warkus**, of the Clarabelle open pit, and **Robert Fortin**, of Copper Cliff South mine.

Cheques for \$55 were received by **David Green**, of the Copper Cliff nickel refinery; **Stefan Bauer**, of Copper Cliff South mine, and **Fahmi Azzeh**, of the Copper Cliff transportation department.

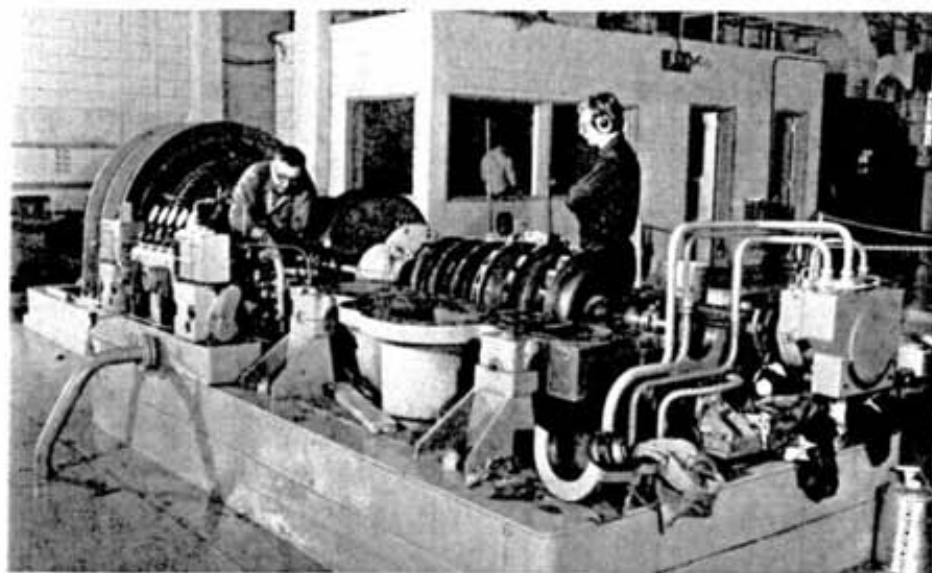
Winners in the \$50 category were **Keith Ferris**, of Creighton mine and **Dale Graham**, of Copper Cliff South mine.

An award of \$45 went to **Conrad Roy**, of the Copper Cliff mill, and **Mark Tinkis**, of Copper Cliff South mine.

**Gerald St. Amand**, of Creighton mine, and **Gerald Charbonneau**, of Copper Cliff South mine, each picked up \$40.



Using liquid metal, first-class machinist Stan Ojanpera repairs a diffuser.



Dismantling components in order to work on the gear train are Gary Judson, left, first-class maintenance mechanic, and Terry Exworth, maintenance foreman in charge.

## B.B. Blower Overhauled at Copper Cliff South Mine

A routine maintenance inspection was recently carried out on the Brown-Boveri blower in the compressor building at Copper Cliff South mine.

As part of a regular preventive maintenance program, the unit was completely dismantled and overhauled. The gear train was carefully inspected, and the motor was removed, sent to the Copper Cliff winding shop for

reconditioning, then returned and re-installed.

The compressor provides 12,000 cfm of compressed air to the mine's underground workings; inspections and repairs are performed regularly by the Copper Cliff South mine maintenance department to ensure dependable service.



Standing, Terry Exworth, left, and Gary Judson watch while Stan Ojanpera, left, and rigger Wayne Lamore scrape the speed increaser bearing.



Terry Exworth carefully inspects the bearing on the Brown-Boveri blower shaft following extensive repair work.

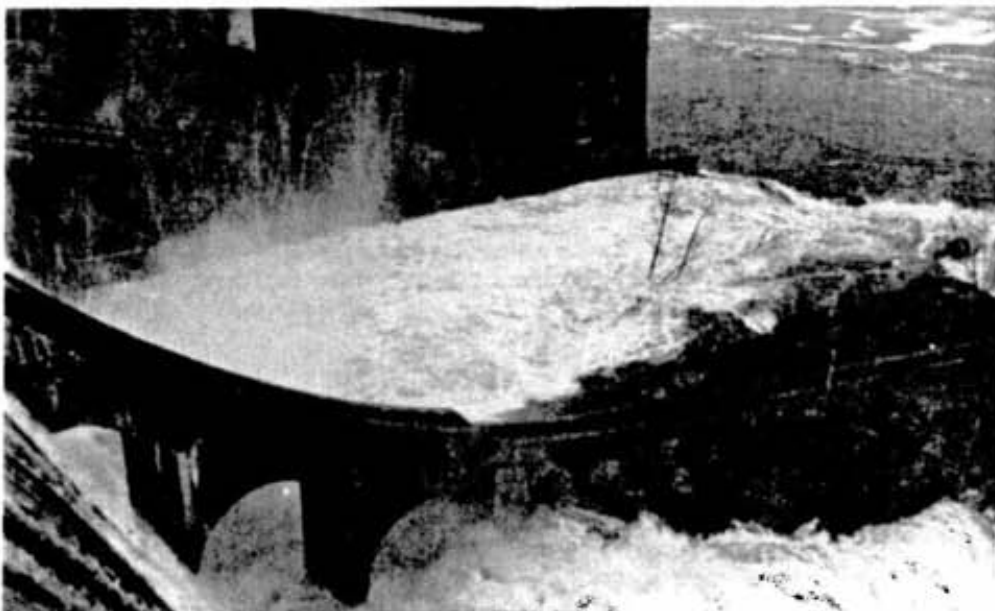




Overflow at Nairn plant



Water bypassing Nairn plant



Water bypassing Big Eddy power plant

This spring has been a time of severe flooding in many areas throughout the north. And, were it not for the forward-planning of the Utilities Department in Copper Cliff, the heavy storms could have drastically affected some of Inco's necessary water resources.

This past May, the water flows at Inco's Wabageshik power plant on the Vermilion River and the High Falls plant on the Spanish River exceeded all previous recordings in the 70-year history of monitoring water patterns at these locations. In the past, the highest recorded flow had occurred in June 1970.

## Utilities Department

# Improved watershed management Flood Co

Control of this year's excessively high waters is a direct result of improved watershed management practised by the Utilities Department in particular, the extensive program carried out at the Spanish River watershed, where Inco owns and operates several control structures.

For example, this year's maximum flow into Lake Agnew was 30,495 cfs, and maximum discharge was 28,655 cfs, compared to 1970, when the respective figures were 30,263 and 30,935. Of particular interest is the fact that the discharge from Lake Agnew was less than the flow into it - a direct result of effective watershed management. Because the lake was maintained at a much lower elevation prior to the predicted flood period, the crest of the flood was stored in the lake, which also led to minimized downstream flooding at High Falls.

The stepped-up program to improve watershed control began with special studies carried out by the Utilities Department following the 1970 flooding. An elevation schedule was established for all of the storage lakes in the Spanish River watershed, which ensured that adequate storage potential was available in these lakes during periods of excessively high flows. This, in turn, resulted in the lakes being able to dampen the effects of the storm.

In addition, a hydrometeorological study was carried out on the watershed in 1974, to arrive at a method for predicting both the flows

# ads to better ontrol

that could be expected following rain storms and the annual spring run-off.

Temperature, precipitation, and snow sampling are all taken into account, then recorded and used to predict possible flows. To round out the program, close contact is maintained with the environmental control department's weather office.

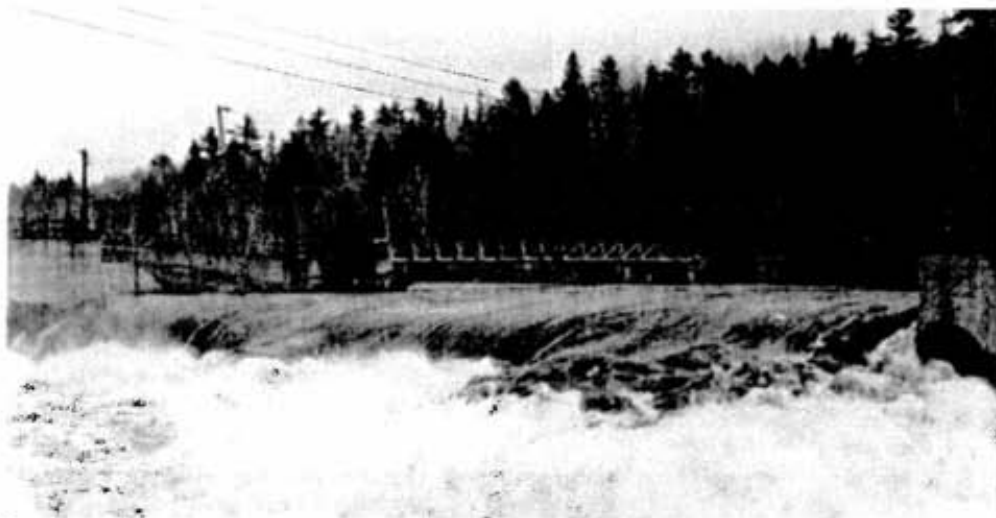
These improvements in the watershed management program resulted in the utilities department being able to foresee the severity of the April/May flood situation, thus allowing for sandbagging operations and removal of stop logs well in advance of the storm.

Gerry Cullain, manager of central utilities, indicated that the overall program is one of teamwork and, as such, involves all sections of the department. Claude Kerr, senior field engineer with the municipal and field engineering section, added that "more plans are being implemented to further improve the system. More flood control structures will be installed at High Falls, and a computer program will be established to assist in the overall water management program."

Through the foresight of all those involved in the flood control program, excessive water damage to those areas adjacent to the company's water resources was avoided. Which only goes to show that . . . controlling cold water can keep us out of hot water!



*Spillway at Big Eddy dam*



*Overflow at Nairn plant*



*Water flows through spillway at Nairn plant*

# APPOINTMENTS . . . APPOINTMENTS . . . APPOINTMENTS . .

**Erkki Aikia**, senior design engineer, engineering, Copper Cliff.

**John Anderson**, maintenance assistant, Frood-Stobie mill.

**John Ayre**, programmer, computer systems, Copper Cliff.

**Nancy Baird**, industrial engineering analyst, Copper Cliff.

**Richard Bale**, superintendent IPC, Copper Cliff nickel refinery.

**Bill Banks**, process supervisor, NRC department, Copper Cliff nickel refinery.

**Larry Banbury**, superintendent, safety, Copper Cliff.

**Randy Barazzuol**, programmer analyst, computer systems, Copper Cliff.

**Christopher Bell**, mine foreman, Levack mine.

**Morris Bertrand**, supervisor, rail operations, transportation and traffic, Copper Cliff.

**Frank Boniakowski**, general foreman, Copper Cliff smelter.

**William Bruins**, concept design specialist, engineering, Copper Cliff.

**Blair Buchanan**, programmer analyst, computer systems, Copper Cliff.

**Richard Buell**, programmer, computer systems, Copper Cliff.

**Joseph Bukatowicz**, systems analyst, computer systems, Copper Cliff.

**David Butler**, maintenance assistant, Creighton No. 5 mine.

**Hady Butler**, senior staff geologist, field exploration, Copper Cliff.

**Ken Byberg**, division supervisor, mines engineering, Levack mine.

**Thomas Callaghan**, maintenance controller, Garson mine.

**Fabian Casas**, senior chemist, Copper Cliff copper refinery.

**Allan Cecchetto**, tour co-ordinator, public affairs, Copper Cliff.

**Fi Ceppetelli**, librarian, computer systems, Copper Cliff.

**Roger Cerutti**, senior process assistant, Copper Cliff smelter.

**Gloria Cochrane**, accounts payable clerk, Copper Cliff.

**Ugo Comacchio**, maintenance superintendent 'B', Copper Cliff smelter.

**Richard Cotnam**, systems analyst, computer systems, Copper Cliff.

**Raymond Cousineau**, electrical mechanical specialist, Port Colborne nickel refinery.

**Patrick Cumming**, shift foreman IPC, Copper Cliff nickel refinery.

**Jim Curry**, supervising systems analyst, computer systems, Copper Cliff.

**Rene Deltaire**, process supervisor, roaster-kiln department, iron ore recovery plant.

**Douglas Digby**, general foreman, Copper Cliff nickel refinery.

**Wulf Digby**, superintendent, compensation, personnel policies and office services, Copper Cliff.

**Joseph Dippong**, shift foreman IPC, Copper Cliff nickel refinery.

**Terry Duncan**, area supervisor, industrial relations, Levack mine.

**Al Este**, operations training co-ordinator, Sudbury.

**Carol Fahey**, clerk-stenographer, engineering, Copper Cliff.

**Thomas Flynn**, superintendent, industrial engineering, mines, Copper Cliff.

**Sid Forster**, superintendent, public affairs, Copper Cliff.

**John Paul Fournier**, drill foreman, field exploration, Copper Cliff.

**John Galbraith**, planner, mines engineering, Copper Cliff.

**Pat Gallagher**, industrial relations representative, Frood-Stobie complex.

**Ronald Gilchrist**, plant protection officer, Copper Cliff.

**Gerry Gillett**, superintendent, process technology, mills, Copper Cliff.

**Richard Godin**, planner, mines engineering, Levack mine.

**Phillip Gougeon**, chemist, Copper Cliff nickel refinery.

**Steven Grinius**, planner, mines engineering, Levack mine.

**Mel Guse**, general foreman, safety, Copper Cliff smelter.

**Keith Haggerty**, general foreman, Port Colborne nickel refinery.

**Ray Hammond**, maintenance foreman, iron ore recovery plant.

**Dunn Scott Harding**, planner, mines engineering, Levack West mine.

**Harry Hawkins**, programmer analyst, computer systems, Copper Cliff.

**Arthur Hayden**, shift foreman NRC, Copper Cliff nickel refinery.

**Gord Heffern**, process supervisor, NRC department, Copper Cliff nickel refinery.

**Fred Henschel**, designer, Copper Cliff central shops.

**Debbie Hibbs**, clerk-stenographer, personnel, Sudbury.

**George Hitchman**, training supervisor, Stobie mine.

**J. Scott Holloway**, programmer, computer systems, Copper Cliff.

**Deborah Hotti**, senior accounts payable clerk, Copper Cliff.

**Dale Van Horn**, process supervisor, NRC department, Copper Cliff nickel refinery.

**Richard Howatt**, process foreman, Copper Cliff smelter.

**Irwin Hrytsak**, computer software specialist, computer systems, Copper Cliff.

**Veikko Jarvi**, mine general foreman, Frood mine.

**Jean Jeffrey**, stenographer, personnel, Copper Cliff.

**Reginald Johnson**, programmer analyst, computer systems, Copper Cliff.

**Ted Joiner**, supervising systems analyst, computer systems, Copper Cliff.

**Ray Joly**, industrial relations representative, Levack complex.

**Ross King**, industrial relations representative, Copper Cliff smelter complex.

**John Kanerva**, industrial evaluator, industrial engineering, Copper Cliff.

**William Kantymir**, superintendent operations, Port Colborne nickel refinery.

**Michael Keast**, programmer, computer systems, Copper Cliff.

**John Kenny**, senior industrial evaluator, industrial engineering, Copper Cliff.

**Frank King**, sales tax analyst, Copper Cliff.

**William King**, supervisor, salary administration, Copper Cliff.

**Ron Kivikink**, senior industrial evaluator, industrial engineering, Copper Cliff.

**John Lafleur**, supervisor, budget and costs, Copper Cliff.

**Donalda Laframboise**, cost analyst, Copper Cliff.

**Marcel Lafreniere**, mine foreman, Levack mine.

**Normand Lajeunesse**, maintenance assistant, Copper Cliff copper refinery.

**Walter Lalonde**, supervisor, staff training and organizational development, Sudbury.

**Marcel Landry**, maintenance foreman, Copper Cliff nickel refinery.

**Roy Landrye**, maintenance general foreman, Levack mine.

**Leo Laturnus**, superintendent, maintenance industrial engineering, Copper Cliff.

**Robert Leblanc**, buyer, purchasing-warehousing, Copper Cliff.

**Louis Lee**, power engineer, utilities, Copper Cliff.

**Phillipe Leroux**, mine foreman, Coleman mine.

**David Lerpiniere**, programmer analyst, computer systems, Copper Cliff.

**Charles Lineham**, maintenance superintendent, matte processing, Copper Cliff.

**Aldo Longo**, general foreman, Copper Cliff nickel refinery.

**Charlie Lush**, superintendent, Clarabelle mill.

**Albert Magee**, superintendent of operations, Copper Cliff copper refinery.

**Alfred Maier**, smelter foreman, Copper Cliff smelter.

**James Mainprize**, process supervisor, roaster-kiln department, iron ore recovery plant.

**Renzo Mariga**, buyer, purchasing-warehousing, Copper Cliff.

**Robert Mark**, division supervisor, mines engineering, Levack mine.



# APPOINTMENTS . . . APPOINTMENTS . . . APPOINTMENTS . . .

**Darryl Mathe**, supervisor, catalogue and stationery expeditor, purchasing-warehousing, Clarabelle mill.

**Robert McDonald**, general foreman, Copper Cliff smelter.

**Tom McDonald**, project leader, mining and milling, Clarabelle mill.

**Don McGinn**, planner, mines engineering, Copper Cliff South mine.

**Charles McLean**, process supervisor IPC, Copper Cliff nickel refinery.

**Bud Meaden**, area supervisor, industrial relations, Creighton and Copper Cliff mines complex.

**Genny Molino**, secretary, industrial engineering, Copper Cliff.

**Tim Merla**, engineer, engineering, Copper Cliff.

**William Middleton**, section leader, Copper cliff smelter.

**Elvi Mikkola**, secretary, Creighton complex.

**Larry Mochizuki**, general foreman, matte processing, Copper Cliff.

**John Moland**, supervisor, skills training, Sudbury.

**Bob Moss**, operations training co-ordinator, Sudbury.

**Frank Moss**, senior instrumentation instructor, personnel, Sudbury.

**Fred Moulaison**, shift foreman, roaster-kiln department, iron ore recovery plant.

**Ron Moxam**, senior data control clerk, Copper Cliff.

**Michael Myc**, maintenance general foreman, Copper Cliff nickel refinery.

**Don Nadorozny**, assistant maintenance superintendent, Frood-Stobie mill.

**Bruna Nordman**, cost analyst, engineering, Copper Cliff.

**David Neff**, general foreman, Port Colborne nickel refinery.

**Marty Neva**, division tax accountant, Copper Cliff.

**Joseph Nicholls**, packaging and shipping foreman, Copper Cliff nickel refinery.

**Balaram Nundy**, senior design engineer, engineering, Copper Cliff.

**Denis O'Donnell**, geologist, mines exploration, Creighton No. 5 mine.

**Vince Orlando**, superintendent, employment, training and development, Sudbury.

**Stephen Palfry**, process supervisor, matte processing, Copper Cliff.

**Joseph Pancel**, superintendent "C", industrial engineering, Copper Cliff.

**Margaret Paul**, clerk-stenographer, Copper Cliff copper refinery.

**Brian Pearson**, superintendent of operations, iron ore recovery plant.

**Don Pierce**, mine general foreman, Coleman mine.

**Terry Polkinghorne**, maintenance foreman, central shops, Copper Cliff.

**Marty Puro**, superintendent, Copper Cliff mill.

**Gary Qulg**, shift foreman NRC, Copper Cliff nickel refinery.

**Luke Reiche**, programmer analyst, computer systems, Copper Cliff.

**Frank Resetar**, industrial evaluator, industrial engineering, Copper Cliff.

**Brian Riutta**, design engineer, engineering, Copper Cliff.

**Joyce Rivet**, programmer analyst, computer systems, Copper Cliff.

**Bob Robb**, superintendent, Frood-Stobie maintenance.

**Fern Roberts**, superintendent, central shops, Copper Cliff.

**Mark Rochette**, maintenance assistant, maintenance field force, Copper Cliff.

**Brian Rogers**, senior chemist, Copper Cliff copper refinery.

**Norman Rowlands**, process chemist, iron ore recovery plant, Copper Cliff.

**W. Allan St. Jacques**, training supervisor, Levack complex.

**Michel St. Laurent**, planner, mines engineering, Garson mine.

**T. Ross Savage**, cost analyst, engineering, Copper Cliff.

**Darrel Shields**, supervisor, equipment rentals, transportation and traffic, Copper Cliff.

**Allan Sherlock**, industrial evaluator, industrial engineering, Levack mine.

**Ralph Shore**, superintendent, Frood-Stobie mill.

**Edwin Skene**, division supervisor, mines engineering, Levack mine.

**Muram Slamet**, programmer, computer systems, Copper Cliff.

**Richard Smith**, material controller, Port Colborne nickel refinery.

**John Somerset**, supervisor design, engineering, Copper Cliff.

**John Spec**, staff opportunities co-ordinator and ISE administrator, Sudbury.

**Karen Stagg**, clerk-stenographer, central maintenance Copper Cliff.

**David Sukey**, planner, mines engineering, Coleman mine.

**Murray Suter**, training supervisor, Coleman mine.

**Mike Sylvestre**, surveyor, mines engineering, Creighton mine.

**John Taggart**, instructor, personnel, Sudbury.

**Rosemarie Tammi**, technical service clerk, computer systems, Copper Cliff.

**David Taylor**, planner, mines engineering, Stobie mine.

**Klaus Truderung**, maintenance general foreman, iron ore recovery plant.

**Patricia Valentini**, clerk-steno, Copper Cliff copper refinery.

**Gloria Valley**, receptionist Copper Cliff copper refinery.

**Jerry Verbrugge**, planner, mines engineering, Stobie mine.

**Edward Vessel**, mine foreman, Levack mine.

**Leo Vienneua**, rock mechanic technician, mines engineering, Copper Cliff.

**Linda Webber**, programmer, computer systems, Copper Cliff.

**Howard White**, maintenance general foreman, Creighton mine.

**Dennis Wickie**, superintendent, industrial relations, Copper Cliff.

**Al Wilkie**, maintenance foreman, iron ore recovery plant.

**Gunner Will**, shift foreman IPC, Copper Cliff nickel refinery, Copper Cliff.

**Bob Wright**, shift foreman, iron ore recovery plant.

## Announce Integration of Copper Cliff and Thompson Computer Services

The existing Computer Services Organization in both the Ontario and Manitoba divisions is being integrated immediately to form a single organization under a Director. The purpose of this organization is to provide optimum computer-based information services to support the management of both divisions in discharge of their responsibilities internally and to Inco Metals and Inco Limited.

A joint divisional steering committee has been formed to provide functional direction to the computer services organization, to establish priorities and to monitor progress towards the achievement of the divisions' separate and common goals.

The following appointments are effective immediately:

**Randy Cave**, director, computer services. He will be responsible for Computer Services functions in the Canadian Operating Divisions under the direction of the Joint Divisional Steering Committee and, administratively, will report to Frank Sorochinsky, assistant vice-president, administration.

**Don Bagozzi**, superintendent, systems development.

**Stewart Tait**, superintendent, computer operations and technical services.

**Keith Burkell**, co-ordinator, systems integration.

**Yiu Wing Tsang**, co-ordinator, systems integration.

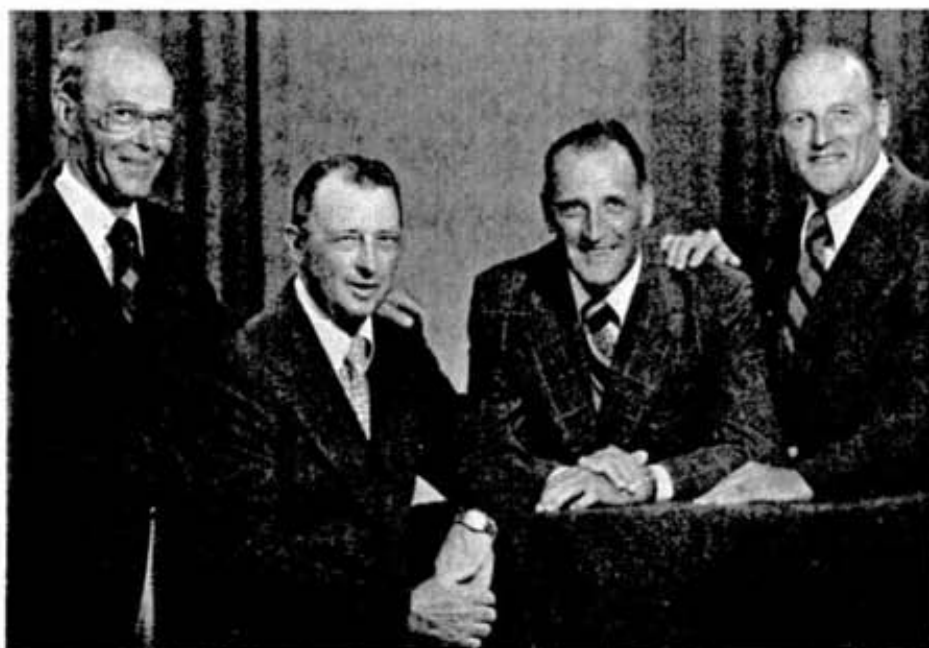
**Murray Gratham**, supervisor, systems development, Thompson.

**Mel Scott**, supervisor, operations, Thompson.



Randy Cave

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



Take a close look! These are the **Bryson brothers**, with over 159 years of service to their credit. And, to top it off, the four brothers, all Inco pensioners, are in excellent health and thoroughly enjoy their well-earned retirement. From left, **Andy** left the company in 1977. He retired as paymaster from the Port Colborne nickel refinery after 41 years of service; **Jim** recently retired as senior chemist from the Copper Cliff nickel refinery after 38 years of service; **Bob** retired last July as a drilling specialist after 45 years of service, and **Stan** retired in 1975 as a first-class machinist from the Copper Cliff smelter. He had 35 years of service with the company.

## Logo Writer



Stan Pettit

Our logo writer this month is **Stan Pettit**, a senior chemist at the Port Colborne nickel refinery. Stan has been with the company for 24 years and for the past 10 years has been involved in politics.

After holding the position of alderman for two terms, Stan was elected Mayor of Wainfleet Township and is presently in his third term.

"I spend a lot of my evenings in carrying out my duties as mayor. Often there are meetings to attend during the day, and I really appreciate the attitude of the company in allowing me to participate in the political process," said Stan.

He and his wife Shirley live at Camelot Beach in Wainfleet Township, just west of Port Colborne. In his spare time, what little there is, Stan enjoys photography as a hobby.

## Be Sure You're Covered

A reminder to those employees about to be married: you are required to report your marriage and sign the necessary status application within 30 days of marriage in order for your spouse to have OHIP coverage the first day of the third month following marriage. Late reporting will deprive your spouse of medical and hospital coverage to which they are entitled.



This year marks the 50th anniversary of mine rescue training in Ontario. It was first instigated in Timmins, following the Hollinger mine fire some 50 years ago. It was only fitting, therefore, that Provincial Mine Rescue Competitions were held in Timmins this year, and Inco mine rescue team captains recently travelled North to observe this year's proceedings. According to **Gary Chicquen**, general safety foreman, Frood Stobie complex, who accompanied the men, the trip was worthwhile and says that Inco teams will be in the running again during next year's competitions. Posing for The Triangle photographer prior to boarding their flight are, from left, **Charles Burton**, Garson mine; **John Lacey**, Frood-Stobie mine; **Gary Chicquen**; **Dale Muirhead**, Creighton mine; **Tom Luoma**, Levack mine, and **Dennis Charbonneau**, Copper Cliff South mine.

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



The honorary degree of **Doctor of Science** was recently bestowed upon Inco's agriculturist **Tom Peters**, left, of Copper Cliff, during convocation ceremonies at Sudbury's Laurentian University. Tom was honored for his contributions to the Sudbury region and for the advancement of knowledge by his pioneering in the field of land reclamation of industrial sites.



As the crow flies, Canoe Lake is about 100 miles northwest of Sudbury. It is also the site of one of Inco's nine control dams on the Upper Spanish River watershed. The dams collect water which is regulated through to the company's four hydro-electric plants at Nairn and High Falls. Built in the early '50's, the log dam on Canoe Lake was recently replaced with a new concrete structure. Economics of the project determined that a helicopter bring the concrete in to nearby Spanish Lake, used as a base of operation, rather than build a road to the dam site or barge the cement in. Above, an overview of the **Canoe Lake dam site**, with the old wooden dam in the foreground, and the form for the new concrete dam in the background. A helicopter is getting ready to deliver a bucket of concrete. It took 2½ days and approximately 85 five-minute daylight trips by helicopter to pour the 80-odd yards of concrete required for the new 110-foot-long, 15-foot-high buttress-type dam.



A total of 356 runners and 43 teams participated in the fourth annual Sudbury 24-Hour Relay at Laurentian University's track recently. Teams, made up of 10 runners, ran in very humid weather which affected the breathing of most of the entries. At right, team captain **Mary Sitko**, left, secretary to the manager of the Copper Cliff nickel refinery, and team captain **Dr. Molly Rawling**, of Lively, carefully observe the performance of their team members.



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



**Don MacKelgan**, right, superintendent at Little Stobie mine, took time out to welcome back this happy crew following the lengthy work stoppage. Consistent with practices at other Inco mines and plants on the first day back, employees were reminded of Inco safety procedures and working standards before resuming their jobs.



That's **Herb Wysocki**, a labor boss in the Copper Cliff smelter furnace department, putting the finishing touches to one of his fine oil paintings. Not only has Herb sold his paintings in Canada, many of them to Inco pensioners, but many of his creations have been bought by art connoisseurs in the United States and points overseas.



This is the **Garson mine maintenance crew**, proudly displaying a banner proclaiming their latest achievement. The crew came first in overall safety performance in the mines maintenance section for 1978, having reduced their medical-aid injury frequency by 34 per cent over the previous year. The fact that mine maintenance crews handle some of the heaviest equipment in the company's operations makes the achievement all the more creditable. Hearty congratulations and good wishes are in order to all who have contributed to this fine record!

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



That's pretty **Danielle Brunet**, of Inco's Copper Cliff greenhouse, putting the finishing touches to one of the many plants which were recently returned to offices and numerous other locations throughout the company's Sudbury operations.



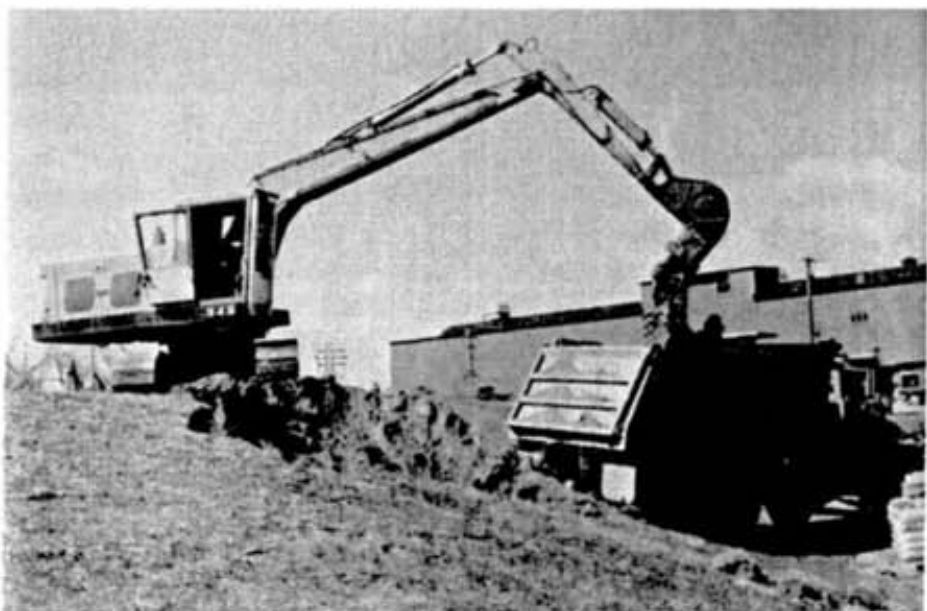
During their convention in Sudbury recently, the outdoor writers of Canada toured Inco's environmental area in Copper Cliff to study a reclaimed area of mine tailings. Here environmental control manager **Jack Noonan**, centre, discusses the root system of a special hybrid grass with freelance writers **Jack Perdue**, left, and **Alex Eberspaecher**, of Toronto. Visiting the Inco area was one in a series of seminars and workshops.



Developed by Copper Cliff South mine personnel, this longhole drill carriage was modified and adapted to remotely hold a shotcrete nozzle away from the operator and so remove him from dust and back spray while shotcreting walls and roofs underground. The unit comes complete with two air-driven traction motors.

**You May Earn Up To  
\$10,000**

by submitting your ideas on safety and operating improvements through the Ontario Division Suggestion Plan. Don't delay! Your idea may qualify for the maximum award!



As announced in October, 1977, a new **effluent treatment plant** is being constructed at the Port Colborne nickel refinery. The plant, slated for completion in the fall of 1980, will cost close to \$5 million and will be capable of handling in excess of 9 million gallons of water per day. Above photograph shows the start of excavations which entailed moving some 8,300 cubic yards of sand to level the site near Nickel Beach.

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



A large gathering at the Sudbury Inco Club, attended by some 500 friends and well-wishers of **Mel Young**, gave a hearty retirement sendoff to the popular veteran Incoite who recently retired as assistant to the Ontario Division president after 41 years of service. In the above photograph, Mel, right, along with his wife **Marie**, take time out for a chat with **John McCreedy**, vice-chairman of Inco Limited. In excellent health, and not inclined to sit and twiddle his thumbs, Mel plans to dust off his engineer's papers and spend part of his well-earned retirement teaching mining engineering students at Laurentian University.



That's scooptram operator **Jules Boivert**, left, at the controls of this remotely operated JS500 scooptram. Operating at Little Stobie mine, the unit was recently taken to surface where mobile training supervisor **Paul Reitz**, right, instructed both Jules and scooptram operator **Urbain Henry**, centre, in its proper operation. The five cubic-yard capacity scooptram has a 750 milliwatt high-frequency radio control, activated by a portable transmitter, which is carried by the operator. Remote control allows operation of the unit in "otherwise high risk areas. Straight line operating distance is over 200 feet in underground drifts.



Fine weather and the Lively golf course in beautiful condition combined to make the annual mines engineering golf tournament one of the most enjoyable in years. **Mickey Currie** was the low gross winner with a score of 75; **Bob Polano** took the low net prize with his score of 71. A delicious steak dinner at the 19th hole put the finishing touch to the day's outing. **Bob Jach** shows good form as he is getting ready to sink the ball under the watchful eyes of his team mates, from left, **Fred Beaudry**, **Jack O'Connell** and **John Laronde**. Below, **Larry Carriere**, left, compares scores with **Mario da Ponte**, chief organizer of the event.





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



As usual, a large crowd was on hand to view this year's annual inspection of the Copper Cliff Highlanders in Nickel Park. Here, reviewing officer **Major Bruce Boggis**, C.D., right, Commanding Officer, Canadian Forces Station, Falconbridge, along with Captain **Alex Gray**, inspects a first-aid demonstration. Participants are, from left, **Sgt. Scott Ward**, **Cpl. Bruce Staddon**, **Cpl. Robert Boyer** and **L/Cpl. Ian Ferguson**. Posing as the victim is **L/Cpl. Barry Ward**.



There were many smiles, warm greetings and hearty handshakes when Inco employees returned to their jobs after the lengthy work stoppage. This was evidenced at Creighton's No. 9 shaft where mine general foreman **Wilf Rochefort**, above, right, bids a hearty 'welcome back' to drillers **Don Morin**, left, and **Gary White**. Brushing up on standard safety practices prior to their trip underground in the photograph below are, from left, stope leader **Tony Saloun**, stope leader **Al Patterson**, driller **Joe Stanzinger**, and shift foreman **Gerry Lloyd**.



Because of age, two waste heat boilers in the anode department of the Port Colborne nickel refinery had to be rated for lower maximum pressure during the past few years. Finally, they had reached a point where they could no longer operate effectively, and it was decided to replace them. Cost of the project will be \$3.8 million by the time it is complete in September. Above, from left, ironworkers **Lyle McCutcheon**, **Dave Roberts** and **Roger Jacques** assemble some ductwork on number two furnace.





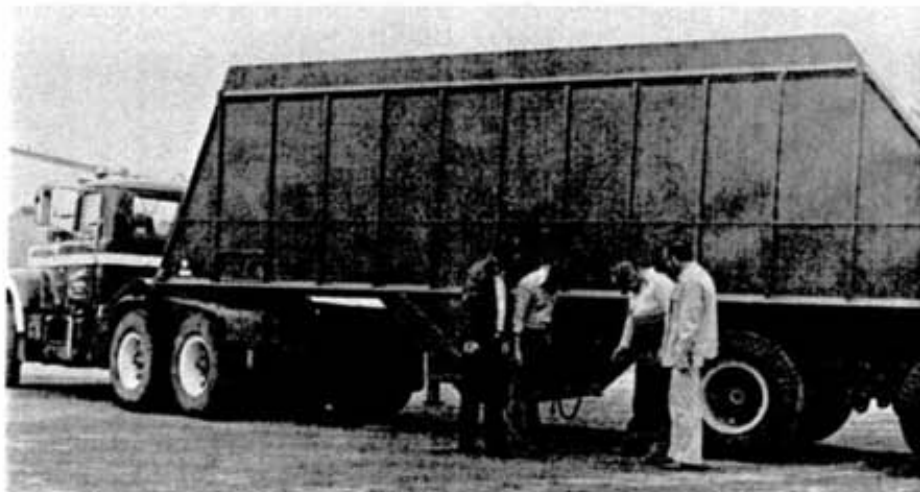
This Teledyne Model TMP-5 service vehicle was recently tested on the Clarabelle open pit test ramp, with mines equipment engineer **Len Kitchener**, left, and senior mechanical specialist **Gerold Heinze** carefully recording the unit's performance. The four-wheel drive vehicle is equipped with a 58 h.p. diesel engine and a four-speed power shift transmission. Payload is stated at 3,500 lbs. or 10 men, including the driver. Two of the units have been placed on test on Copper Cliff South mine and Levack West mine ramps.



Hosted by the Sudbury Yacht Club and partially sponsored by Inco Metals Company, the fifth **Inco Regatta**, Sudbury's premiere sailing event, saw some 60 sailors competing in the different races. The weather as a whole was quite good for the weekend, although Saturday morning dawned grey and foggy. Although the weather didn't change much for the better, it remained quite windy for the remainder of the weekend — just right for competitive sailing. Above, Inco's **Peter Souter**, centre, manager of industrial engineering, presents the Inco Trophy to **Mr. and Mrs. Paul Rupert**, first-place winners in the Y-Flyer class.



"Inco Metals Company's \$9,500 contribution will do much to offset part of our operating expenses," said Lieutenant **James White**, right, of the Sudbury Salvation Army, as he receives a cheque from **Ron Brown**, assistant to the Ontario Division president. The amount represents Inco's contribution for 1979.



When it comes to finding a better and more efficient way to get a job done, leave it up to the Copper Cliff transportation department. This newly-developed hopper, with a holding capacity of 33 cubic yards of sand, gravel or crushed rock, is being used for spreading road materials on many company-maintained roads throughout the Sudbury District. The unit boasts a unique dumping arrangement; the operator regulates the flow of the material so it is spread evenly in less than one minute. According to **Darrel Shields**, Copper Cliff's equipment rental supervisor, the new hoppers are also used for transporting other materials. Above, **Nelson Chalut**, second from right, explains the dumping arrangements to a number of interested members of Inco's engineering department.

TO ALL OUR READERS  
WE WISH A SAFE AND  
HAPPY SUMMER

## Inco Golf Tourney Slated for August 4

This year's Inco Golf Tournament will be held on Saturday, August 4, 1979, at the Idylwyld Golf and Country Club. Entry fee of \$10.00 will cover green fees, lunch and prizes.

Two draws will be held, both with shotgun starts. The morning draw will tee off at 7:30 a.m. and the afternoon draw at 1:00 p.m. Maximum number of entries has been established at 256 to accommodate as many participants as possible. Pensioners are welcome.

Lunch will be served on completion of the morning draw between the hours of 1:00 p.m. and 3:00 p.m. The afternoon draw will dine on completion of their round between 5:00 p.m. and 6:30 p.m.

Presentation of prizes will take place at a dinner on Wednesday, August 8, 1979, at the Copper Cliff Club.

In addition to the regular event winners, the eight gross players will participate in a 36-hole total playoff to determine the four low-gross qualifiers who will represent this Division in the President's Trophy Tournament. This event will be held in Thompson, Manitoba, this August with representatives from Toronto, Port Colborne, Copper Cliff and Thompson.

For further information, please contact Sid Forster, Public Affairs Department, Copper Cliff, at 682-0631.



Always a favorite function, this year's Ladies' Night, sponsored by the Sudbury Branch of the Canadian Institute of Mining and Metallurgy, again saw members and their escorts turn out in full force. As usual, there was plenty of wine and cheese on hand. Posing for The Triangle photographer during the latter part of the evening were, from left, **Conrad Houle** and his wife **Sheila**; **Shirley MacLean** and **Don MacKeigan**.



**Pat Poland**, Inco Metals Company's alcohol and drug addiction co-ordinator, recently enjoyed a captive audience when he talked to Grade 10 students at the Lively High School about alcohol and drug addiction. Following a most interesting presentation, the guest speaker fielded many questions from his young audience. Studying one of the many brochures available on alcohol and drug dependency are students, from left, **John Linley**, **Randy Kneer**, **Kathy Warren** and **Sarah MacLean**.



Nothing is more relaxing after a hard week's work and pressures than a friendly and leisurely game of golf in the wee hours of a Saturday morning. Quite recently, The Triangle photographer caught this trio on the ninth hole of the Idylwyld Golf and Country Club. From left, **Dr. John Sturtridge** and **Bill Buchanan**, Ontario Division planner, intently follow a putt by **John McCreedy**, vice-chairman of Inco Limited.



# PLANT MAINTENANCE

... ALEX GRAY at the shears

At this time of the year there are insects that really "bug" us. One of the most common in the Sudbury area is the Eastern Tent Caterpillar.

Outbreaks of this native insect have been recorded ever since the earliest records of colonial times. In addition to apple and cherry, its preferred hosts, it also attacks a wide range of deciduous trees and shrubs. The moth lays its eggs in a band around the small twigs about mid-July. These hatch the following spring, about the time the leaves of the wild cherry trees are beginning to unfold.

The caterpillars form a silken nest or tent in a fork of the branches. They forage for food during the warmer parts of the day and return by means of a silk thread spun from the nest to the feeding sites. The caterpillars mature in June, wander off individually to

sheltered places, and pupate with a loosely woven cocoon. There is a single generation in a year.

The destructiveness of the Eastern Tent Caterpillar is often more apparent than real. Mainly, the insects are unsightly and mar the beauty of the landscape, and in periods of abundance, the caterpillars may completely defoliate trees. Rarely, however, are trees killed.

To control them, first prune and destroy the egg masses during the winter when they are easily observed and collected. Secondly, pull the tent from the branch with a gloved hand or cut the branch below the tent and destroy it and, thirdly, if numbers warrant spraying, apply any one of the commonly available garden insecticides as soon as feeding starts.



Alex Gray

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



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

