

INCO TRIANGLE

VOLUME 30

COPPER CLIFF, ONTARIO, MAY, 1970

NUMBER 2



A Spring "Happening"
(STORY ON PAGE 2)



Published for all employees of The International Nickel Company of Canada Limited

D. M. Dunbar, Editor

D. J. Wing, Assistant Editor

Editorial Office, Copper Cliff, Ont.

Authorized as second class mail by the Post Office Department, Ottawa, and for payment of postage in cash.

Material contained in Inco Triangle should not be reprinted unless permission has been obtained from The International Nickel Company of Canada, Limited, Copper Cliff, Ontario.

Chairman Tells Of Environmental Control Program

In reviewing the Company's activities in the area of environmental control, including control of tailings dust through the growing of grass, the work done on recycling water, and sewage treatment, International Nickel chairman Henry S. Wingate discussed at length the reduction of the sulphur dioxide problem in Sudbury.

In his remarks at a press conference held prior to the annual meeting of Inco shareholders at Toronto on April 22, Mr. Wingate said, "We have currently underway a program, developed in collaboration with the Ontario minister of energy and resources management, Hon. George A. Kerr, that will considerably reduce the sulphur dioxide problem in Sudbury."

Better Than Other Centres

"Except for very rare irregularities, the Sudbury atmosphere is already freer of SO₂ pollution than Toronto and similar industrial areas in Ontario. I think I can safely predict that because of what we are doing, Sudbury's atmosphere will in 1972, despite increased production, be further improved relative to Toronto's and the chance of irregularities will be eliminated. Additionally, through use of precipitators, we will reduce the emission of particulate matter or dust from our Copper Cliff operations to well within standards set by provincial authorities."

Mr. Wingate said that this phase of the anti-pollution program will be completed in 1972 and will be accomplished by extracting 40% of the sulphur from gases generated at the Copper Cliff complex with the remainder being effectively disseminated through a 1,250-foot stack. The stack, sulphur-fixation facilities and additional dust-collection equipment will represent an investment of some \$35 million.

Research Is Encouraging

Recognizing that the stack has drawn some criticism, Mr. Wingate said, "the stack will insure that the SO₂ that we do not extract will be dispersed very widely and, therefore, when the sulphur returns to earth it will do so in concentrations that are harmless." He said: "Depending on the weather, some sulphur could go as far as 500 to 1,000 miles. Longer

Charlie Gets Vice-Regal Citation

Working in the maintenance department in Copper Cliff, truck driver Charlie Marcolini delivers materials vital to the completion of various projects, but off duty big Charlie has been delivering the most vital material of all — blood, the gift of life.

Recently, he gave his 50th pint of blood since the inception of the blood donor clinic by the Sudbury Red Cross in 1957. In recognition of his humanitarian contribution, he received a citation signed by Governor General Roland Michener.

Shown in the picture with Charlie as he logged his 51st donation are Bob Neal, president of the Sudbury Red Cross Society, holding the citation, and nurse Nel Shamess of Copper Cliff Hospital, chairman of the blood donor service committee of the Red Cross. Only about a dozen people in the Sudbury area have received 50-donation citations.



term, we are continuing our research to find ways and means of processing ores by methods that do not generate SO₂. This, to my mind, is the proper and most promising ultimate solution."

International Nickel has laboratory results giving encouragement that processes which do not generate SO₂ can be developed. The Company hopes and expects that these laboratory results will be commercially feasible in the future and that, with large new investments, it can begin to cut back on the use of smelters.

Comments on White Paper

Mr. Wingate said that the Company's submission on White Paper proposals for Canadian tax reform would be completed at the end of April. He again pointed out that the proposals, as they exist, "would mean that the long-standing incentives for mining companies that have been so important in

Canada's economic and regional development would, in effect, be cancelled and mining companies would be in the position of paying significantly higher taxes than other businesses." He said that, "had these proposals been in effect in the past, the type of expansion program the Company has underway in Canada now would not have been possible. That they would affect our future exploration and expansion in Canada is obvious."

Mr. Wingate said the Company agrees with some of the proposals and, where it does not, in its submission it will offer constructive alternatives which it believes meet the broad objectives of the White Paper and ones that will be in Canada's self-interest.

Effective Slide Presentation

A 20-minute colored slide presentation showing phases of the Company's seven-year \$1.1 billion expansion program in Canada was a highly effective feature of the annual meeting of the shareholders. Begun in 1966, the program will result in Canadian nickel production by International Nickel reaching 600 million pounds annually in 1972, representing a 30% increase in the Company's production capability.

Mr. Wingate told the shareholders that the expansion program represents larger capital expenditures than the total of those made in the Company's entire previous history. It calls for opening eight new mines in Canada and expansion of surface facilities to handle the increased ore tonnage.

Beyond this short-term program, Mr. Wingate discussed a longer-term production-expansion program based on projects in various stages of development outside Canada and, if opportunities arise, here in Canada as well. He said that production from some of these can be expected to be a reality in the mid-70's, and that investments in them by International Nickel and its associates could exceed \$500 million in the next five years.

The Front Cover

Never before in the history of horticulture has a Carpathian Walnut been given such a hearty huzzah.

To help us hoke up a cover shot in the slightly kooky spirit of Spring, the Grade 13 biology class of Copper Cliff High School and a comely crew of cheerleaders staged a "happening" in Nickel Park to hail the planting of the first new tree of the season.

"Miss Copper Cliff Braves", charming Joan Masecar, held the honored sapling firmly in position, assisted by Inco parks foreman Alec Gray, while biology teacher Archie Wilson shovelled in the soil. The pretty cheerleaders dolling up the foreground of the picture are (clockwise) Denise Vitali, Debbie Zanatti, Jocelyn Souliere, Brenda Longfellow, Helen Burdell, Terry Burrows, and Laura LeBorgne. Unseen is the beaming presence of Tom Peters, assistant agriculturist.

In its annual plantings of about 500 trees to beautify Company locations, the agricultural department always experiments with a few unusual hardy varieties recommended for the Sudbury type climate. The Carpathian Walnut is one of these, originally introduced to Canada from Poland. It has a round broad head and bears edible nuts. For anyone interested in hanging around to harvest the nuts, the tree will reach full 50-foot maturity about the year 2020.

Other recent experimental plantings which are alive and well in the area are a Ginkgo maiden hair tree, a Maackia tree, with silver-colored foliage, and the hybrid Linden tree of famous European avenues.

HELD OVER

Owing to pressure on space, several accounts of banquets and presentations which would normally be carried in this Triangle have been held over for our June issue.

"Exmibal" President Visits at Copper Cliff



A keenly interested visitor to the Sudbury district operations was Joseph J. Borgatti, president of Inco's Guatemala subsidiary company, Exploraciones Y Explotaciones Mineras Izabal, S.A., usually referred to by its cable address "Exmibal". Mr. Borgatti, whose home is in Guatemala City, was accompanied to Copper Cliff by his wife.

Picture shows him in the oxygen control room at the Copper Cliff works with Syl Merla, assistant superintendent of smelters.

Maltby Crew Tops



Topping the list of shifts in the Manitoba division recently receiving special citations from the Manitoba Mines Accident Prevention Association, for completing 100,000 man-hours without a lost-time accident, was shift boss Joe Maltby's smelter crew, which had worked since 1962 without a blemish, a grand total of 512,680 safe man-hours. Picture shows shift boss Maltby accepting the citation from Inco general safety engineer Gord Vivian, a director of the MAPA.

You're only young once — after that you have to think up a different excuse.

INCO FAMILY ALBUM



The pickerel flinch in fishy fear when "Captain" Don Sylvestri and his crew of anglers — wife Claire and Tim, 10, Kevin, 12, Donald, 8, and David, 5 — make their frequent invasions of Ministic Lake, near Levack, on their "S.S. Redfern". They reside in New Sudbury. Born and brought up in Copper Cliff, Don started with Inco in 1950, works in the winding shop at the reduction works.



Living alongside Wainfleet village, this is the king-size family of Port Colborne nickel refinery plant fitter Walter Pierce, whose service dates back to June 1951. Bowling and golf rank high amongst Walter's interests; his wife Edna also enjoys bowling, but manages to find time to sew and knit all of the girls' clothing. The entire family digs in with the gardening of their half acre of land. In the front row, the youngsters are Teresa, 8, Patrick, 4, Wayne, 10, and Shelley, 7; in the back row are Ronald, 15, Timothy, 14, and Brenda, 16.



Born in Cochrane, John Froude came to Inco in 1966 at Copper Cliff, and transferred in 1968 to Creighton where he is a jumbo drill operator. He and his wife Barbara are busy putting the finishing touches on their handsome new home in Waters Township. Here they are with their children, David, 2½, Dennis, 6, Bruce, 5, and Donna, 14 months. Dad is getting lots of "help" from Dennis and Bruce in building the family dune buggy in the back yard.



Jim Van Exan is a busy man: curler, family snowmobiler, Cubmaster, and volunteer fireman. He grew up in Copper Cliff and joined Inco in 1950; he has been a shift supervisor at the iron ore plant since 1966. Shown with Jim and his wife Marge in their Ramsey Lake home are Cheryl, 3, Tammi, 17 months, Danny, 12, and Robbie, 10. Jim is one of four Van Exan brothers working for Inco, as did Walter, their late father.



Bruce McComber and son Jim are outnumbered three to one by the girls in the family. Born in Brooklyn, New York, Bruce came to Inco in 1965 after growing up on the Caughnawaga Indian reserve near Montreal. Unlike many of his Mohawk brothers who work as high steel riggers, he likes to keep his feet on the ground and works as a crane follower in the copper refinery tankhouse. His hobby is dog training. Left to right in our picture are Cecilia, 7, Marina, 4, Bruce holding 2-year-old Judy, Millie, 5, wife Linda, a member of the Ojibway nation, and standing, Helen, 10, Jim, 12, and Sylvia, 9.

A Frood-Stobie man since he joined Inco in 1947, Gordon Moore is a tippelman on 1800 level at Stobie. His wife Audrey is very happy about his furniture finishing and reupholstery talents. Grouped around "Mr. Fix-it" and his wife are daughters Joan, wife of Canadian Armed Forces dental corpsman Mervin Olinik, Gloria, 23, and Merry, 12.



Gold Badges for 195 June 11

A total of 195 new members will be formally enrolled in the Sudbury district chapter of the Inco Quarter Century Club at the banquet at the Sudbury Arena on Thursday, June 11 — 162 who qualified for their gold 25-year badges in the Class of 1969 and 33 in the Class of 1970. The Club's annual banquet was cancelled last year by the strike at Inco's operations.

The combined group of new members for the two years is unusually small, but commencing in 1971 the projected number of employees completing 25 years of service with the Company will increase by several hundred almost every year through to 1979. These increases reflect the growth of the work force due to expansion of the Company's operations, along with the introduction of shorter work weeks and longer vacation periods.

The Class of 1969:



Siro Alberton
Iron Ore Plant



John Armstrong
Frood-Stobie



Hector Barbe
Coniston



Steve Beausoleil
Garson



Louis Bedard
Copper Cliff



Rolly Bedard
Copper Cliff



Paul Behun
Coniston



Ernie Belanger
Copper Cliff



Ezio Bertulli
Copper Cliff



John Borkovich
Frood-Stobie



Henry Bourre
Frood-Stobie



Hector Brazeau
Levack



Armand Brosseau
Levack



Harry Buchy
Creighton



Giuseppe Bulfon
Copper Refinery



Fred Burchell
Copper Cliff



Eddie Cardinal
Copper Cliff



Vic Chretien
Creighton Mill



Gerry Clouthier
Copper Cliff



Vic Compagna
Copper Cliff



Ricco Costanza
Copper Cliff



Gustave Courtemanche
Frood-Stobie



Wallace Creswell
Garson



Albert Cretzman
Creighton



Joe Davis
Copper Cliff



Gerard Delorme
Copper Cliff



Alf Dempsey
Copper Cliff



Armand Denis
Copper Cliff



George Desjardins
Copper Cliff



Cyril Desloges
Coniston



Rene Desloges
Frood-Stobie



Con Disalle
Copper Cliff



Dick Dixon
Copper Cliff



Gilbert Dixon
Frood-Stobie



Ivan Duchesne
Frood-Stobie



Vic Duchesne
Copper Cliff



Don Dunbar
Copper Cliff



Henry Dunn
Inco Club



Don Elliott
Iron Ore Plant



Gino Falcioni
Copper Cliff



Luke Fay
Levack



Raymond Fex
Frood-Stobie



Joe Forest
Garson



Al Gagne
Levack



Austin Gamble
Copper Refinery



Shorty Gamo
Murray



Peter Gervais
Copper Cliff



Don Gilpin
Copper Cliff



John Gomme
Frood-Stobie



Adelard Goudreau
Copper Cliff



Milt Hanson
Levack



Hermidas Harrison
Copper Cliff



Harold Hartry
Creighton



John Hatala
Creighton



Walter Hayduk
Clarabelle



George Heale
Copper Cliff



Bill Hertlein
Frood-Stobie



Dan Horner
Creighton



Roger Joly
Iron Ore Plant



George Joukanen
Garson



Paul Katarincic
Murray



John Killah
Frood-Stobie



Wally Laalo
Creighton



Yvon Labrosse
Copper Cliff



Emile Lachapelle
Frood-Stobie



Ed Lacourse
Copper Cliff



Jim Lagace
Copper Cliff



Roddy Lalonde
Levack



Xyste Lalonde
Copper Cliff



Oiva Lampinen
Frood-Stobie



Mat Landry
Garson



Simon Lapointe
Copper Cliff



Aldege Larabie
Frood-Stobie



Leo Larocque
Copper Cliff



Joe Laurin
Murray



Adrien Lavallee
Murray



Robert Leclair
Copper Cliff



Roger Lecompte
Copper Cliff



Leo Lefebvre
Creighton



Chris Lemieux
Copper Refinery



Joe Leroux
Copper Refinery



Marvin Lewis
Murray



Med Losier
Copper Refinery



Art Maisonneuve
Copper Cliff



Bert Mallette
Levack



Rudy Martel
Copper Cliff



Maynard Martin
Copper Cliff



Joe McCauley
Garson



Bob McCleary
Copper Cliff



Bert McCurdy
Copper Cliff



Lyall McGinn
Creighton



Al Menard
Garson



Gord Merriam
Copper Cliff



Paul Migneault
Frood-Stobie



Bill Milks
Copper Cliff



Andy Moxam
Copper Cliff



Snug Mynerich
Creighton



Mike Nevis
Copper Cliff



Jerry O'Connor
Levack



Art Oliver
Copper Cliff



John Oystrick
Murray



Hughie Paiment
Garson



Dan Patching
Garson



Albeni Patry
Copper Cliff



Bill Peever
Copper Cliff



Art Pelletier
Copper Cliff



Roland Perres
Copper Cliff



John Petrenko
Creighton



Eddie Plourde
Creighton



Lucien Poulin
Murray



Adolph Prefontaine
Copper Cliff



Joe Proulx
Frood-Stobie



Aurele Racette
Frood-Stobie



Bill Ranta
Copper Cliff



George Rayner
Copper Cliff



Al Richer
Copper Refinery



Len Rivals
Copper Cliff



Charlie Robidoux
Creighton



Paul Robitaille
Copper Cliff



Jean Rodrigue
Murray



Greg Roles
Clrabelle



Rene Rouleau
Copper Cliff



Charlie Rousselle
Copper Cliff



Palma Roy
Copper Cliff



Sylvio Roy
Creighton



Matti Saaski
Copper Cliff



Honore Sauve
Copper Cliff



Dominic Scagnetti
Copper Refinery



Alex Schur
Creighton



Nap Seguin
Copper Cliff



George Silvestri
Copper Cliff



Tom Smith
Copper Refinery



Leo Spencer
Coniston



Art St. Martin
Copper Cliff



Alfred St. Onge
Murray



Peter Sydor
Creighton



Warren Thompson
Copper Cliff



Sam Toivola
Garson



Eugenio Tosto
Copper Refinery



Lorenzo Trahan
Copper Cliff



Cece Tremblay
Copper Cliff



Frank Truskoski
Copper Cliff



John Waldman
Frood-Stobie



Orval Webster
Garson



Zen Wowk
Frood-Stobie

OTHER NEW MEMBERS IN THE CLASS OF 1969

In addition to the new members of the Quarter Century Club in the Class of 1969 whose photographs are shown on the preceding pages, the following also qualified for 25-year badges: **COPPER CLIFF:** Robert Charron, Harvey Leroy, Foch Meilleur; **GARSON:** Ernie Brankley, Gus Della Vedova, Emile Labine; **FROOD-STOBIE:** Harold Basso, Claude Huys, Rosario Labelle, Eldon Laughlin, Rudolph Rochon; **CREIGHTON:** Bill Bangarter, Bill Cushnir, Camille Ethier, Lawrence Sharpe; **LEVACK:** Leonard Berthiaume; **COPPER REFINERY:** Ahti Helin.

The Class of 1970:



Ernie Barbe
Coniston



Arthur Brown
Frood-Stobie



Moe Demers
Copper Cliff



Clarence Denault
Copper Refinery



Len Deschamp
Frood-Stobie Mill



Ovide Dubois
Copper Cliff

Albert Dupuis
CreightonGerry Falcioni
Copper CliffBill Frantz
CreightonRay Grieve
CreightonMorley Grigg
Copper CliffJimmie Guitard
Copper CliffAlex Haddad
Copper CliffFrank Holzschuster
Frood-StobieOliver Jackson
Frood-StobieJohnny Lanneville
Frood-StobieEugene Lapalmé
MurrayEugene Mayer
Frood-StobieOwen O'Neill
Copper RefineryLeo Paquette
Frood-StobieLouis Paquette
Copper RefineryRoger Pelland
Copper CliffCid Piquette
CreightonDorothy Purvis
Copper CliffMaurice Ricard
LevackGerry Sabourin
Copper CliffGilles Schryer
Copper CliffStan Smith
CreightonNick Taback
Copper RefinerySilvio Taricani
Copper Refinery

LEFT: Winners of the Hiram Walker event: Tom Luoma, Tom Benoit, Phil Dupuis; not shown, skip Stan Zamojski. RIGHT: the President's trophy victors: Jim MacCoy, Daryl Dominic, Ed Shalla; not shown, skip Frank Corkal.

Mel Wilson
Frood-StobieAndy Yasinowski
Frood-StobieEddie Young
Copper Cliff

Curling Enthusiasm Rises at Levack

Under the able leadership of president Clarence Vowels, the Levack men's curling club swept through a very successful year. Increasing its membership by 25 percent up to 80, the club also completed another phase of interior decoration by panelling the rink's interior.

The club enjoyed a season well "in the black" for a welcome change this past year, largely due to economizing by making their own ice during the season and letting tenders on the rink catering activities.

Next year's executive will see secretary-treasurer Ron Matte and vice president George Caldbick giving president Harvey Nadeau a hand at the helm of the club. Two of Harvey's goals are to bring the club's membership



Winning the Dr. Hal Mowat trophy in the Colts event were skip Ron Matte, Cec Shailar, Rudy Parise, Alex Didur.

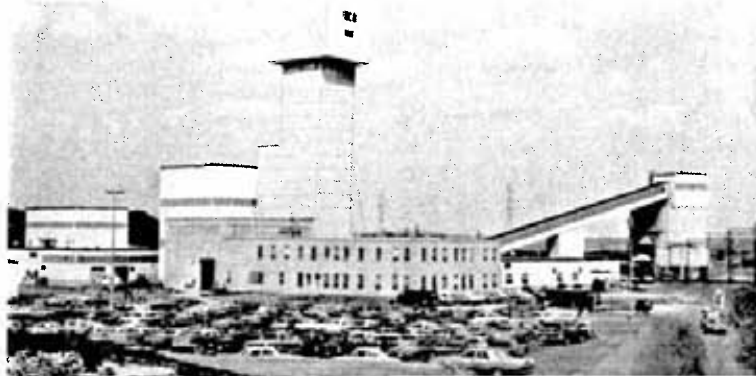
roll up to 100, and to install heaters in the curling area of the rink.

There was a rousing turnout to the annual meeting and dinner, held at the Onaping-Levack Legion hall, at which trophies and prizes were presented to the victors in the season's events.

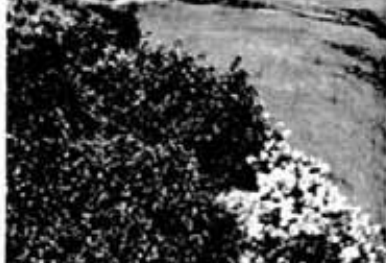
LEFT: Winners of the Palumbo trophy: skip Alex Didur, Terry Hamilton, Dick MacDonald, Tom Benoit. CENTRE: the club champions (Piascoski trophy), Brown, Paul Leblanc, Harold Dominic.

George Ruller, Ernie Hilton, Dr. Charles Jessop; not shown, skip Clare McGowan. RIGHT: Cochrane-Dunlop event winners: skip Terry Hamilton, Bill





INDICATING its location by its name, Copper Cliff North mine is about a mile from the Copper Cliff townsite. The clean, modern lines of the 178-foot concrete headframe and surface buildings above the 4,000-foot shaft follow the latest developments in plant construction, and are a far cry from the visions of stark structures formerly conjured up by the word "mine".



THE ORIGINAL Copper Cliff mine, in the heart of the present downtown, was discovered by Thomas Froid in 1885 and was operated by the Canadian Copper Company until 1905.

Copper Cliff North Has Long Pedigree

One of the seven new underground operations in the Company's vast Sudbury district expansion, Copper Cliff North has come through the long development stages to join the Inco family of producing mines.

Right up to the minute with the most modern developments in surface plant design and underground equipment, the North's installations include the mine water treatment system that is part of Inco's pollution control program.

Copper Cliff North, modern as it is, has a history reaching directly back to the first full-scale mining operation in the district in 1886, the long-since abandoned Copper Cliff mine which was located in the hill immediately behind the present town municipal offices. Both the old and the new mines aimed at the orebody known as the Copper Cliff offset, an offshoot of the rim of the Sudbury Basin. The old Copper Cliff No. 2 mine, north of the town, also operated on this orebody.

For many years listed on Inco's long-range program for future developments, the Copper Cliff offset is back in the news at last, and in a big way.

Currently operating at a production rate of 6,000 tons per day, Copper Cliff North's schedule will increase to 8,000 tons during 1971. Its safety performance for the first month was right on the nose — 46,640 safe man hours without a lost-time accident.



THEY LITTLE KNEW what they were starting! Back in 1898, only a few hundred yards from the site of the new Copper Cliff North mine, this little band of pioneers are shown as they surface-mined a small outcropping of the same orebody, known as the Copper Cliff offset. Hughie Dixon, on the right in the back row, was boss of the crew, who worked for the Canadian Copper Company, Inco's corporate predecessor. Contrast that hand-cranked air-driven drill, for which water was supplied by pail, with the modern 3-boom jumbo shown in one of the accompanying photographs.

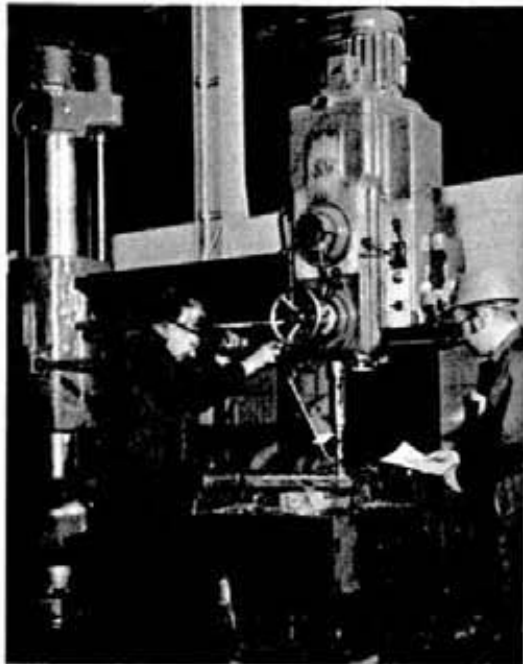


DESIGNED into the surface plant, the tiered lecture room at the North mine is well equipped for oral and visual presentations. It seats 50.

COINCIDENT WITH the growing pains of a new mine, planning and organizational sessions are frequent. LEFT: ironing out operating and maintenance procedures in a newly developing area are divisional foreman Nick Maciborka, safety supervisor Tony DelMastro, mine engineer Frank Jay, divisional foreman Lyall McGinn, mine superintendent Gordon Strasser, area maintenance foreman Cliff Langman and general foreman Jim Byrne.

Shrinkage and Blasthole Methods Currently Scheduled at the North

SHRINKAGE AND blasthole mining methods are currently scheduled at the North mine. Taken in a typical 40-foot wide shrinkage stope, this picture shows the glistening ore face of a 10-foot high advancing breast; shift boss Ray Borton discusses the day's lineup with stope leader Ernie Chevrier and driller Sheldon Porter.



THE MINE'S machine shop is well equipped to tackle the multitude of machining jobs required to maintain the safety and efficiency of the moving equipment in the shaft and on the many miles of underground track already installed. Machinist Bob Charsley is using a radial drill to bore the bushings on a mine car door arm. Checking the job against the specifications is area maintenance foreman Ken Conlon.



SHOWN DRIVING a development drift on the 1600 level, this Paramatic 3-boom drill jumbo is a fast worker, enabling the operator to collar and drill 35 holes in the face in about two hours. The 20-ton rig is designed so that all drills remain parallel and do not require directional adjustment following boom swing to start the next hole. In the many developing areas of the North mine where there are numerous adjacent advancing faces on one level, the machine often operates at a rate of three rounds a shift. Driller Don Martin is at the controls.



THIS FULLY AUTOMATIC double-drum skip hoist, currently hoisting from the 2425 level loading pocket at the North mine, is capable of handling 560 tons of ore an hour in its two 15-ton bottom-dump skips. The hoist is powered by a 5,800 hp motor with a maximum speed of 62 rpm; drums are 16½ feet in diameter, and wind 2½-inch diameter steel rope. Seen at the compact control panel, hoistman Jack Mayer is making routine manual safety checks.



THIS IS PART of the usual busy scene in the shift bosses' office during shift change, when orders and progress reports are passed on to incoming personnel. From the left are: shift boss Martin Villemere, area maintenance foreman Romeo Chatelain, ventilation engineer Weir Stringer, divisional foreman Lee Pletzer, and shift bosses Don Dublin and Ted Pigeau.

Skating Club In Colorful Presentation

Honoring Manitoba's 100th birthday, Thompson Figure Skating Club staged a colorful and imaginative Centennial 70 revue to wind up another successful season.

Capacity crowds turned out to the C. A. Nesbitt Arena at both performances to give the show enthusiastic approval.

Twenty five brilliantly costumed numbers, involving 200 club members, made up the smoothly organized production which represented many of the



GERMAN BEER GIRLS: Five of the 13 pretty skaters in a smartly costumed number that drew big applause.



Photos by Ernie Sawatsky

DUTCH CHILDREN: Cindy Sasgniuk, Patricia Preston, Margaret Conway, Melonie Sharpe, Joyce Somerset, Maria Kerkinas, Joanne Bohaychuk, Karen Brown, Heather Miller, Brenda Miller, Lori Sorested, Lori Lamontagne, Nancy Swiestra. Missing from the picture: Natalie Simmonds, Rene Yusishen.

national identities in Manitoba's population.

Among the presentations, in addition to those pictured here, were Scottish Marchers, Spanish Bullfighters, Russian Cossacks, English Swingers, Eskimos, Indians and Japanese.

The show was produced by the club professional, Miss Rochelle Gladu, who completed her second season at Thompson. She came from Fort Francis.

A presentation was made at

the close of the grand finale to Mrs. Bernice Hacquoil, the skating club president, in appreciation of her leadership.

COPPER CLIFF TENNIS

A busy season is ahead for the five Copper Cliff tennis courts if the club executive's plans are any indication.

The annual meeting is scheduled for the Community Hall on Wednesday, May 20, at 8 o'clock.

President is Neil Ogilvie, vice-president Bill Elliott, and secretary-treasurer Don Phipps.



SPANISH BULLFIGHTERS: Laurie Paul, Winda Shinnie, Nancy Harrison, Debbie Vaslof, Candace Alguire, Judi Zonneveld, Sylvia Bucholz, Monique Pilon.



POPULAR PRO of the Thompson Figure Skating Club, glamorous Miss Rochelle Gladu, gave a polished solo performance at the big carnival.

Thompson Hawks Manitoba Champs

Indicating the calibre of northern Manitoba's Pre-Cambrian League hockey was the triumph of Thompson Hawks in going on to win the provincial championship in the intermediate double A category. They then knocked off Fort Francis Canadians for Manitoba-Ontario supremacy, and wound up a great season by putting up a stiff fight before bowing out to Rosetown (Saskatchewan) Wings in the Western Canada semi-finals.

Here is Ernie Sawatsky's picture of the hustling Hawks, the toast of Thompson: front row, playing coach Wayne McConnery, Bob Hogg, Barry Mitchell, Rex Rideout, Alex Sutherland, Terry Murray



and Bernie McLellan; back row, assistant trainer Bob Divine, Keith Redmond, Jack Elcombe, Sandy Kurceba, Jerry Petryk, Forbes

Stewart, Willie McLeod, Jim McLean, Rick Ferris, captain Jack Sangster, trainer Charlie Toth, and team manager Bob Ferguson;

stick boy is Mike Fenske. Not shown, Dick Johnston, Doug Moore, Jim Collins, Gary Haverty, Dave Leel.



Port Colborne Staged Realistic Scene

Hosting the Inco surface plant semi-final first aid contest for the first time, Port Colborne came up with an extremely realistic scene, a lakeshore setting where a boating accident had resulted in extensive injuries to two men. The backdrop was painted by Martin Kovacs of the refinery mechanical department.



The Copper Cliff smelter team in action, closely watched by judges Joffre Perras (left) and Dr. J. M. Stephenson. In background are judge Dr. B. F. Hazlewood and Charlie Burke.



Keenly interested observers among the big crowd at the display were vice-president and Ontario division general manager of Copper Cliff, J. A. Pigott, executive vice-president F. Foster Todd of Toronto, and Port Colborne refinery manager W. Vern Barker.



NICKEL REFINERY: Marcel Desmarais, John Koval, Bert Dekker (captain), Ed Charlebois, Robin Barnes.



COPPER CLIFF SMELTER: Howard Riles, Don Walker, Elmer Macumber (captain), Serge Ethier, John Burnett.



IRON ORE PLAN: Al MacDougal, Roger Bedard, Gord Ettinger (captain), Roger Lasci, Mike Brisson.



CONISTON: Paul Prudhomme, Dan Nixon, Ray Croteau (captain), Gary Caverson, Pete Smith.



COPPER REFINERY: Frank MacKinnon, John Cebatorius, Norm Dever (captain), Volker Stark, Al Cruthers.

Six Teams Battled for Mutz Shield in Mines First Aid Semi-Final



LEVACK: Roger Brideau, Reg Mathias, Gerry Quinlan (captain), Brian Lamothe, Leroy Talbot.



CREIGHTON: Bernie Boucher, Len Richard, Bob Boyer (captain), George Parrett, Vello Reier.



MURRAY: Dave Derochie, Jack Wallgren, Dale Clarke (captain), John Smith, Kurt Brand.



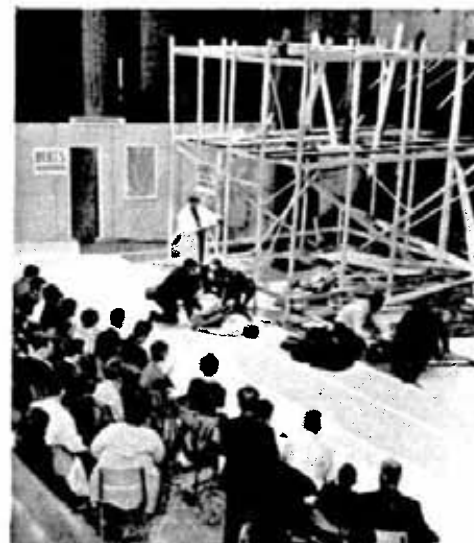
CREAN HILL: Bob Sallows, Len Thurlow, Kjeld Pedersen (captain), Jim Currie, Gary Pettifer.



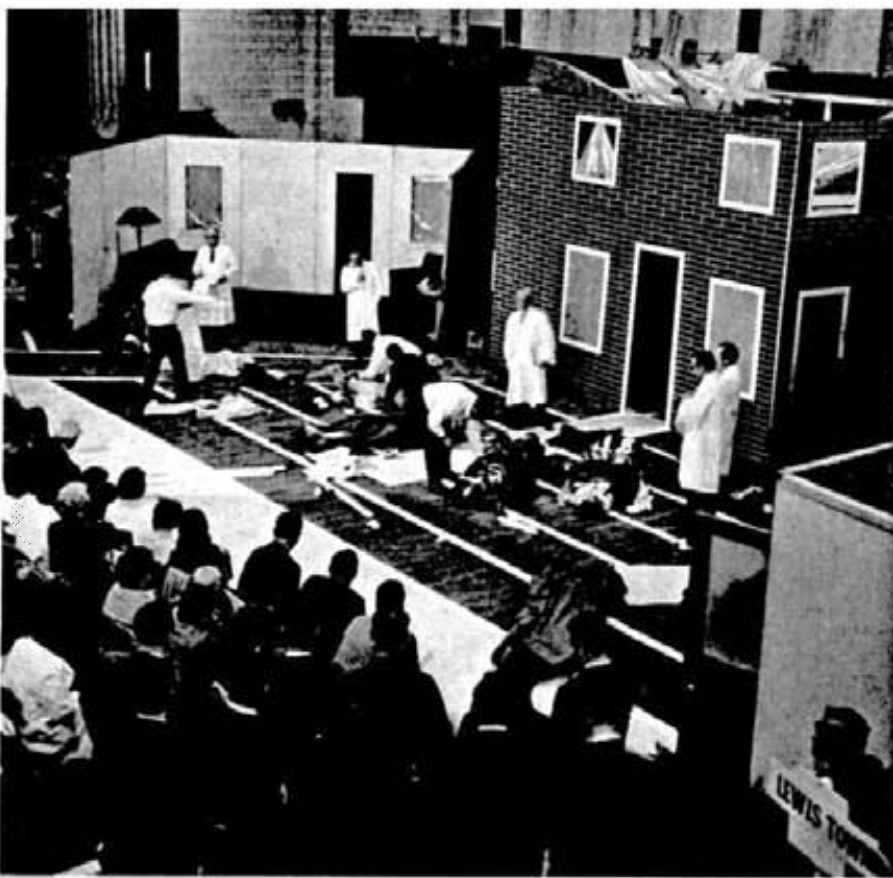
FROOD-STOBIE: Dave Bruce, John Murdock, Joe Shlemkevich (captain), Ron Teeter, Norm Fournier.



GARSON: Pete Kress, Mike Langridge, Ken Coon (captain), Leo Dupuis, Paul Beauvais.



The Crean Hill team was on the floor when this picture was shot at the semi-final for mines teams at the Sudbury Inco Club. The accident involved the collapse of the roof at a suburban construction site in which two men were buried in the debris, suffering fractures and other injuries.



This overall shot of the Parker Shield first aid problem shows the five patients, the five members of the Levack team who won the contest, and the five judges. The wreckage of the aircraft that caused the calamity when it crashed into a house in a small village can be seen upper right. The sound of impact and the resulting fire were vividly simulated by the safety department props crew.



Carefully transferring one of their patients from floor to stretcher, Levack's team members are observed by competition judge Dr. A. R. Foerster.



Bewigged and beaded first aid man Jack Corrigan and "child" gave the teams a hard time and the audience a few moments of mirth.



Applauding Levack's performance, this is part of

Another Close Battle with Port Colborne

Levack Regain

In a tense and exciting battle at the Sudbury Inco Club between two teams representing Inco's mines and reduction plants, the Levack mine lineup coached by Nick Chatalow and captained by Gerry Quinlan won the Parker Shield as 1970 Ontario division inter-plant first aid champions.

Triumphing by a narrow margin over the Port Colborne nickel refinery team coached by Gino Foresi and captained by Bert Dekker, the Levack quintet jumped into control of the complex situation right from the beginning and had ample time to cope with emergencies that developed later in the problem.

One of two teams entering the

annual first aid at the 2650 level at victorious squad Brideau, Reg Lamothe and I mine had won twice before, in finished in second Port Colborne champions, having in 1969.

The other men refinery team, the department's No. 2 Desmarais, John lebois and Robin

The victors were the coveted Parker Shield has been up for 1937, by G. O. M general manager also received medal The Port Colborne were cassette tape

On behalf of the Machum extended congratulations to vanquished, and that took part in petition leading finale.

He also expressed to Tom Crowther department as an excellent job in staging the elimination

Judges for the B. F. Hazlewood, ridge, Dr. J. H. Foerster and the ment's Joffre Per



Master of ceremonies Tom Crowther and Port Colborne safety supervisor Bill Kantymir expertly assess the contest.

Coaches of All 11 Teams in the Semi-Final Contests for the Mutz and Finlayson Shields



Nick Schatalow
Levack



Kurt Fuerniss
Murray



Manuel Penas Rey
Creighton



Ollie Matson
Garson



Rene Ledur
Frood-Stobie



Beirton Gauthier
Crean Hill



Gino Foresi
Port Colborne



Ken Glynn
Iron Ore Plant



Duncan White
Copper Refinery



Gerry Renaud
Copper Cliff



largest audience ever to attend the Parker event.

Parker Shield

etitions from nine, Levack's luded Roger hias, Brian Talbot. The arker Shield and 1963, and ce last year. he defending eated Levack

of the nickel echanical de- were Marcel al, Ed Char- nes. esented with hield, which etition since un, assistant ssing). They nd \$100 bills. eam's prizes eorders.

ompany, Mr. earty con- victors and e 154 teams overall com- o the grand

appreciation d the safety de for their nizing and n contests. er event, Dr. J. W. Sturt- s, Dr. A. R. ety depart- ere thanked

for their difficult work in adjudicating a very close contest.

Competition chief Tom Crowther devised several new twists to provide a challenging problem which involved the crash of a small plane into a large house in a village located some five miles from a city.

With the time set at midnight, the action started in complete darkness to the ominous sounds of a rapidly approaching aircraft. The impact between plane and house — realistically reproduced by dropping a large firecracker into a small metal wastebasket — lifted the large and unsuspecting audience from their seats, and was

(Continued on Page 19)



Levack's victory announced, a jubilant Roger Brideau gives coach Nick Chatalow a vigorous tousing.



Victorious Levack with prize: (standing) G. O. Machum, assistant general manager (processing), who made the presentation, coach Nick Chatalow, Brian Lamothe, captain Gerry Quinlan, Leroy Talbot and Levack area superintendent Dave Lennie; (kneeling) Roger Brideau and Reg Mathias.



Shown in Port Colborne after winning the Finlayson trophy the nickel refinery team who gave Levack such a strong argument for the Parker Shield. Standing are coach Gino Foresi, refinery manager W. V. Barker, captain Bert Dekker, vice-president and Ontario division general manager J. A. Pigott, who made the presentation, and Ed Charlebois. Kneeling are John Koval, Robin Barnes and Marcel Desmarais.



Keith Rafuse
Coniston



Amid the chaos, Port Colborne's Marcel Desmarais and John Koval calmly prepare notes for their report to the doctor. Right, another section of the crowd paying rapt attention to the proceedings.





Young Alan Butler, playing the part of a burned housewife, gets a "lift" as Port Colborne's John Koval, Marcel Desmarais and Robin Barnes use know-how, muscle, and a blanket to move him safely.



Youngest man on the Levack team, Reg Mathias and his wife Deborah view the spot on the Parker Shield on which will be recorded his team's victory.

Other Pix of Parker Contest



Unlike his parents, who are deeply interested in the action on the floor, this young tad blissfully snoozes through his first attendance at a first aid competition.

If the "wound" was as real as it looks, young "victim" Eric Moland wouldn't be sitting calmly while first aid man Verdie Villeneuve pokes around with his palette knife. The makeup is a combination of modelling clay and red dye.



What's this all about? Has the Triangle camera gone wacky or did some spaghetti get mixed in with the film? Well, it's a time exposure taken during the first few minutes of the competition during which house lights were doused. The squiggles are the paths of the Port Colborne team's flashlights as they made their initial investigation of the set.



It's all over but the counting. Tallying up the points to determine the Parker winner are judges Dr. J. W. Sturtridge, Dr. J. H. Jones, Dr. A. R. Foerster, Dr. B. F. Hazlewood and Joffre Perras.



Vice-president Pigott

J. A. Pigott to Address QC Club

J. A. Pigott, vice-president and Ontario division general manager, will deliver the address at the annual banquet of the Sudbury district chapter of the Inco Quarter Century Club.

Thursday, June 11, is the date of the big powwow of the Company's veterans, advanced from that of previous years on account of other commitments at the Sudbury Arena. Invitations have been issued for 5:45 p.m. For the 12th year R. G. Dow, the club secretary, will appear in his familiar role as master of ceremonies.

Presentations of gold lapel badges to the 195 new members qualifying in 1969 and 1970 will be made by Mr. Pigott, assisted by other senior officers of the Company. Only new lady member will be Dorothy Purvis, executive receptionist at Copper Cliff.

St. Andrew's and St. Paul's women's organizations will cater the fried chicken dinner, which assures a sumptuous repast. The usual high class stage show will wind up the great annual get-together.



Sure to make a big hit with the Quarter Century Club audience are the glamorous Sorelles, Continental singing sisters with a repertoire of the good old schmaltzy favorites. They've been charming their melodious way through the East's top supper clubs, including the Royal York at Toronto and the Skyline in Ottawa.



Veteran Canadian side-splitting comic Doug Romaine of Toronto is also on the QC bill for June 11. Another star performer is the slack-wire comedian, Marcelli of Montreal, a great favorite on the U.S. state fair circuit.



A spectacular performance is the acrobatic act by the Bumpy Family headed by Vernon "Bumpy" Schwenke, which has appeared on all the big-name television shows including Ed Sullivan, Red Skelton, and Bob Hope.

Mine Team Wins Inco Manitoba Division First Aid Championship

The refinery's three-year stranglehold on the first aid championship of Inco's Manitoba division was broken by Thompson mine's No. 1 team when they emerged victorious from a graphically staged final contest in R. D. Parker Collegiate's spanking new theatre.

Coached by Larry Gallagher, the winning lineup was composed of captain Bill Comaskey, Bill Carroll, George Wilcox, Daryl Strayer, Ed Tennison, and Derwyn Lowe. John McCreedy, vice-president and division general manager, presented them with the Inco trophy and individual prizes, electric combination radio-clocks.

Second place in the final competition was won by the maintenance department team of coach Dieter Wehner, captain Dawn Teneycke, Fred Tyefischer, Ken Morrison, Dan Wiwcharuk, Murray Weisshaar, and Reg Boxell. The refinery team, which had to settle for third spot, was composed of coach Ron Armstrong, captain Leo Simmons, Jim Sitaritz, Denny Edwards, Jack Thistle, Bob Burnett, and Amie Forcier.

Judges of the contest were Dr. Blain Johnson, Dr. Jeff Wilson,

and Jim Jeffries of Winnipeg, safety director of the Mines Accident Prevention Association. All three teams were commended on their general knowledge of first aid and their floor performances. The umpire was Wilf Lederhaus.

Set up by the safety department on the theatre stage, the simulated accident involved the collapse of a scaffolding on which two men were putting a poster on a billboard alongside a highway. A third man, speeding down the highway on his motorcycle, ran off the road and crashed through a fence, rupturing the gas tank and causing a brief fire.

Injuries to the three victims at the disaster scene included fractures of the skull, jaws, arm, and legs, hemorrhage, lacerations and shock. The teams were busier than one-armed paperhangers as they raced to determine the injuries and administer the correct treatment within the 30-minute time limit.

An appreciative audience of 300 closely followed the progress of the contest. Emcee was Gordon Vivian, Inco general safety engineer.

Training for the first aid competitions commenced last January,



Fred Sheppard

Ousting the refinery as first aid champions of the Manitoba division was this Thompson mine No. 1 team of: back, Daryl Strayer, coach Larry Gallagher, captain Bill Comaskey, George Wilcox; front, Ed Tennison, Bill Carroll, Derwyn Lowe.

with a total of 68 teams and coaches taking part. Elimination contests pared the field down to 10 teams, from both mines and surface plants, for the semi-finals.

General manager McCreedy expressed keen satisfaction at the interest shown in the important first aid training program, and congratulated all who took part.

— APPOINTMENTS —

Appointments have been announced as follows:

TORONTO

By H. F. Zurbrigg, vice-president, exploration:

H. R. Elves, director, staff functions, reporting to R. R. Taylor, director, exploration.

By Stephen F. Byrd, vice-president, industrial relations and personnel:

Frank C. Burnet, director of industrial relations, Inco Canada;

B. K. Seli, senior industrial relations advisor;

C. F. Foster, industrial relations advisor;

D. L. Mogg, industrial relations advisor.

Messrs. Seli, Foster and Mogg will report to F. C. Burnet, and will be located at Toronto.

By Dr. E. C. O'Neill, assistant vice-president, process research:

E. W. Hodkin, process engineer, vapometallurgy;

L. W. Martel, process engineer, pyrometallurgy;

V. Opratko, process engineer, hydrometallurgy;

J. R. M. Thompson, administrative assistant.

Messrs. Hodkin, Martel, Opratko and Thompson will report to D. Kelly, director, process development, and will be located at Toronto.

By R. R. Taylor, director, exploration:

G. L. Colgrove, chief geologist;
K. E. McIntosh, manager, administrative services.

ONTARIO DIVISION

By J. A. Pigott, vice-president and general manager:

C. C. Dunkley, manager, Copper Cliff nickel refinery;

M. D. Head, assistant manager, Copper Cliff nickel refinery;

H. S. Judges, manager, industrial relations and personnel;

A. D. Crossgrove, administrative assistant.

By D. A. Fraser, assistant general manager (administration), the following appointments as a result of the integration and reorganization of the industrial relations and personnel departments:

W. H. Digby, superintendent, staff personnel;

L. Levato, supervisor, training and development;

D. F. Chapman, supervisor, hourly employment;

H. L. Meredith, supervisor, industrial relations;

R. E. Drewe, supervisor, hourly job evaluation;

G. F. Byers, supervisor, hourly employee training;

A. M. McCuaig, senior divisional industrial relations representative.

By G. R. Green, assistant general manager (mining):

J. M. O'Shaughnessy, assistant chief mines engineer;

M. H. Dickhout, assistant to the chief mines engineer;

R. J. Bouclin, area engineer for Crean Hill, Totten and Victoria mines;

E. J. Godard, area engineer for Murray, Clarabelle, Copper Cliff North and South mines;

J. D. McLeod, mine engineer, Murray mine;

S. Pataran, underground superintendent, Kirkwood mine;

Mr. Green also announced the following appointments in the mines exploration department:

R. Adlington, mine geologist, Little Stobie mine;

G. C. Davis, mine geologist, Shebandowan mine;

W. J. Palmer, mine geologist, Copper Cliff North mine;

D. R. Stephenson, mine geologist, Stobie mine;

F. A. Goodyear, assistant mine geologist, Coleman mine;

N. P. Lenart, assistant mine geologist, Crean Hill mine;

D. F. Mahaffy, assistant mine geologist, Murray mine;

A. C. Smeeth, assistant mine geologist, Levack mine;

E. G. Wohlberg, assistant mine geologist, Garson mine.

By G. O. Machum, assistant general manager (processing):

P. W. Souter, superintendent, special projects department.

By J. B. McConnell, manager of reduction plants:

Robert McIntyre and **T. L. Prior**, section superintendents, maintenance, reporting to F. G. Burchell, maintenance superintendent of the Copper Cliff reduction works.

H. R. ELVES

Graduate of the University of Alberta, Edmonton, in 1930, Harold R. Elves spent three years on prospecting for a mining company in Northern Rhodesia before coming to International Nickel in 1934.



H. R. Elves

Starting as a mucker on 2400 level at Frood mine, he transferred to the geological department the following year, and in 1936 commenced his long career in exploration at the Shebandowan prospect, now the site of the Inco development near Thunder Bay.

He was engaged in foreign exploration for the Company from 1938 until 1963, when he was appointed assistant chief geologist at the Toronto office. His investigations took him to many parts of the world, often for long periods of time, including South Africa, Australia, Solomon Islands, New Guinea, New Caledonia, Indonesia, Cuba, Dominican Republic, Venezuela and Guatemala.

He was appointed chief geologist in 1967.

A native of Cayley, Alberta, he has one daughter and two grandchildren. Golf is his recreation.

F. C. BURNET

Frank C. Burnet, whose office and staff will be located in Toronto, will have overall responsibility for the Company's labor relations.

Prior to joining International Nickel Mr. Burnet was employee relations manager for Canadian Industries Limited in Montreal. He has over 25 years experience



F. C. Burnet

in industrial relations and employee relations positions and is widely known for his participation in business and professional organizations.

He was group chairman on the Duke of Edinburgh's second Commonwealth Conference in 1962 and has represented employers on national and international committees and joint labor-management missions.

Mr. Burnet was born in Pilot Mound, Manitoba, and graduated from the University of Saskatchewan in 1940. He is married to the former Margery Low of Montreal and has three children.

B. K. SELI

Bruce Seli has been industrial relations manager of Inco's Ontario division since 1965. He had been a member of the industrial relations department at Copper Cliff since 1948, becoming assistant manager in 1960.

A native of Toronto, he graduated from the University of Toronto in 1932 with a degree in mining engineering, and two years later joined International Nickel in the engineering department at Frood mine. He was a divisional foreman and then operating engineer prior to his transfer to Copper Cliff.

His marriage to Dorothy Patterson took place at Toronto in 1934; he has two children.

Woodworking and a summer camp at Joe Lake are his recreations.

Born in Arnprior, Ontario, C. F. "Ted" Foster attended Haileybury School of Mines before joining International Nickel at Copper Cliff in 1938.

Following war service with the RCA he enrolled at Queen's University, graduating in 1948 with a B.Sc. degree in mining, then returned to Inco in the standards department at Copper Cliff. From 1952 to 1959 he was employed in the efficiency departments at Frood and Stobie mines. Transferring to the industrial relations department at Copper Cliff in 1959, he was appointed assistant manager in 1968.

He was married in 1948 to Dorothy King of Copper Cliff, and has one daughter.

D. L. MOGG

D. Larry Mogg joined International Nickel at Toronto in 1969 with 11 years' personnel-industrial relations experience with Ford of Canada and Litton Industries. Latterly he was involved in industrial relations organization planning.

Born in Windsor, Ontario, he was educated at the University of Detroit and Wayne State University, where he majored



B. K. Seli



C. F. Foster



D. L. Mogg

in industrial relations and personnel.

He was married at Windsor in 1962 to Lea Pohuda, and has two children. Reading, hockey, football, basketball and woodworking are his recreations.

E. W. HODKIN

Prior to his graduation from the University of British Columbia in 1967, with the degree of bachelor of applied science (metallurgy), Edward Hodkin had spent the summer of 1966 with Inco at the Thompson smelter.



E. W. Hodkin

He joined the staff of the Inco research stations at Port Colborne in May 1967 as a project engineer.

He was born in England but moved to Vancouver at an early age; he was married in 1967 at Toronto to Mary Theal of Courtenay, B.C.

Golf and skiing are his recreations.

L. W. MARTEL

Born in Montreal, Louis Martel graduated in the mining course at Sudbury Mining & Technical School, and started his Inco career at Copper Cliff smelter in 1938.



L. W. Martel

Returning in 1945 after five years' service in the RCAF he became a shift boss in No. 2 pilot plant at Coniston. From 1952 to 1958

he was assistant smelter research engineer at Copper Cliff.

He spent three years as a pilot plant supervisor, then became process engineer on fluid bed roasting. Transferred to the Port Colborne research complex, he was assistant superintendent of research stations from 1963 until his new appointment.

He was married at New York in 1943 to Elsie Beecroft.

Boy Scout leadership, hunting, fishing and camping are his favorite diversions.

V. OPRATKO

Prior to joining International Nickel in the research department at Copper Cliff in 1964, Val Opratko was chief chemist at Rio Algom Mines, Elliot Lake, for seven years.

He was transferred in 1967 to the research stations at Port Colborne where he became assistant superintendent and was



V. Opratko

latterly assigned full time to design of the new IPC nickel refinery.

Born in Czechoslovakia, he came to Canada in 1949 to continue his studies at the University of Montreal, where he graduated the following year with a bachelor of science degree in chemistry.

He was married in 1951 in Czechoslovakia to Jarka Pletichkova, and has one son.

J. R. M. THOMPSON

Ulverson, Lancashire, England was the birthplace of Michael



J. R. M. Thompson

Thompson, who graduated from Cambridge University in 1957 with a master of arts degree in the natural sciences. He then came directly to International Nickel at Copper Cliff to join the smelter research department staff.

He was transferred in 1959 to the research stations staff at Port Colborne, where he remained until his new appointment.

His marriage to Sarah Reid took place in England in 1959, and he has two sons.

Dinghy sailboat racing and amateur theatricals are his favorite diversions.

G. L. COLGROVE

Graduating in 1938 in honors geology at the University of Western Ontario, London, Gordon Colgrove then went on to Queen's University, Kingston, where he received a master's degree in geology; he was awarded his doctorate at the University of Wisconsin in 1942.



G. L. Colgrove

He became a member of the geological department staff at Inco Copper Cliff in 1952, and was engaged in technical aspects of the Company's Canadian exploration activities.

He was transferred to the exploration department at Toronto as staff geologist in June, 1969.

His marriage to Doris Tremear of London, Ontario, took place in 1941; he has two children.

K. E. McINTOSH

A native of Sudbury, Karl McIntosh graduated from Haileybury School of Mines in 1947.

He served for six years with the RCAF in England, attached to the RAF, attaining the rank of flying officer.

His association with the Company at Copper Cliff dates back to 1939. Property recorder in the exploration department, he was transferred to Toronto in June 1969.

Married at Montreal in 1945 to Doreen Buchanan, he has six children.

Hunting, fishing and curling are his recreations.



K. E. McIntosh

C. C. DUNKLEY

Christopher C. Dunkley, who was first employed at the copper refinery, Copper Cliff, in 1951-52 as a shift boss and on process research, returned in 1958 as assistant superintendent of the tankhouse. In the interval he was associated with Imperial Chemical Industries, in England, as assistant manager of the technical department, metals division.



C. C. Dunkley

Born at Wolverhampton, Eng-

land, he received his degree in engineering from London University in 1949.

He was appointed tankhouse superintendent at the copper refinery in 1959, and assistant manager in 1964.

He was married in England in 1945 to Ann Elizabeth Lloyd, and has five children.

He is a member of the advisory board of the City of Sudbury's industrial commission.

M. D. HEAD

Michael Head was superintendent of Inco's Port Colborne research complex from 1966 to 1968, when he was assigned full time to the new IPC nickel refinery project.



M. D. Head

He joined International Nickel in 1953 as a research engineer at Copper Cliff, and was transferred to Port Colborne as assistant supervisor of research station in 1959. He returned to Copper Cliff in September of last year.

His professional record prior to coming to Inco included experience as a metallurgist with Imperial Chemical Industries, Limited, England, assistant corrosion engineer with Anglo-Iranian Oil Company at Abadan, Iran, and relief mill superintendent with Compagnie Aramayo de Mines, Bolivia, South America, a tin and lead-zinc operation.

Born at Abingdon, Berks, England, he became a citizen of Canada in 1959.

He received a B.Sc. degree in engineering and metallurgy from the Royal School of Mines, Imperial College of Science and Technology, London, England, in 1948. Alone and with others he holds several patents covering metallurgical processes.

He was married in 1950 to Josephine Tubbs at East Grinstead, England, and has four children.

A serious stamp collector, he is a new but ardent skier. During his Port Colborne residence he was president of the horticultural society.

H. S. JUDGES

In his new position Hugh S. Judges will be responsible for the Ontario division's industrial relations and personnel activities at its operations in the Sudbury area, at Port Colborne, and near Thunder Bay. He will be located in Copper Cliff.



H. S. Judges

He was appointed manager, staff personnel, early this year. Joining International Nickel in 1959 in the efficiency department at Frood mine, he was transferred to Copper Cliff in 1961 as an industrial engineer in the industrial relations department, becoming assistant manager in 1968.

A native of Toronto, he received his degree in mining engineering from the University of Toronto in 1959. He is married to the former Marilyn Sargent and has two children.

A. D. CROSSGROVE

A native of Scotland, Alex Crossgrove attended the University of

Toronto before starting his International Nickel career in 1930 as an assayer at the copper refinery. He became personnel officer there in 1944, was transferred to the industrial relations department at Copper Cliff in 1947, and became director in charge



A. D. Crossgrove

of personnel and employment in 1952, the position he held until his new appointment. He was married at Pembroke, Ontario, in 1936 to Marguerite Fortier, and has three children.

He is chairman of the Copper Cliff Library Board, of which he has been a member for 25 years, and is president of the Sudbury Inco Club. He is a member of the Unemployment Insurance Commission for northern Ontario, and of the Sudbury Airport Commission.

Reading, training retriever dogs, and his summer camp on Manitoulin Island are his favorite relaxations.

W. H. DIGBY

Wilf Digby had been supervisor, training and development, since June 1969, and previously was co-ordinator of supervisory training classes.



W. H. Digby

Born in Copper Cliff, he saw war service with the RCN and then enrolled at the University of Toronto, where he graduated in forestry in 1950.

Joining the Company in 1955, he was employed at Frood and Creighton mines and then at Levack, where he became a divisional foreman in 1964.

His marriage to Helen Wiznuk of Creighton took place in 1949; he has three children.

Active in community service, he has served as chairman of the Levack high school board and on the arena commission.

Fishing, hunting and golf are his recreations.

L. PEVATO

Born in Copper Cliff, Leo Pevato attended the University of Ottawa medical school from 1956 to 1960. He received a bachelor of science degree from Laurentian University, Sudbury, in 1965.

At the copper refinery, where he started with Inco in 1965 after considerable previous experience with the Company during student vacations, he became yard and transportation foreman, safety supervisor, and then technical assistant in the casting department.

Joining the new training and development program in late 1968, he was a conference leader in the supervisory leadership courses.

Violet Tokaryk of Creighton became his wife in 1960. He has three children. His chief recreation is golf.



L. Pevato

D. F. CHAPMAN

Dave Chapman, who started with International Nickel at Cop-

per Cliff in 1939, was a first class electrician when he transferred to the personnel department in 1952.

He was in charge of the employment office at Sudbury when he was transferred to Copper Cliff in 1966 as superintendent of the Company's apprenticeship program.

His marriage to Audrey Wren took place at Toronto in 1944. He has three children. He was born in Copper Cliff.

Golf and curling are his recreations.



D. F. Chapman

H. L. MEREDITH

Bert Meredith was a Great Lakes sailor before he joined International Nickel at Frood mine in 1935. After seven years' under-

ground experience he worked for two years in the mine efficiency office and then became the personnel officer at Frood.

In 1950 he was transferred to the industrial relations department at Copper Cliff. He was assistant editor of the Inco Triangle from 1955 to 1965, and then rejoined the industrial relations department.

He was married at Sudbury in 1936 to Frances Kolari, and has four children. He was born in London, England.

He is widely known as an actor in the Sudbury Little Theatre Society. Golf, skiing and bridge are his recreations.



H. L. Meredith

R. E. DREWE

Dick Drewe, who was born in Winnipeg, had been an ore dressing foreman with the Iron Ore Company of Canada at Schefferville, Quebec before joining Inco's research department at Copper Cliff in 1961.

Transferring to the industrial relations department in May 1962, he later became a departmental assistant, and a job evaluation administrator



R. E. Drewe

last February. His marriage to Terry Jones took place in Sudbury in 1966. He has one child.

A camp on Lake Penage, and curling, are his favorite diversions.

G. F. BYERS

A biographical sketch of Graham Byers appeared in our January 1970 issue on his appointment as co-ordinator of employee training.

Born in North Bay, he has spent most of his life in Copper Cliff. He attended the University of Toronto in an honors science course.



G. F. Byers

A. M. McCUAIG

Alex McCuaig has been with International Nickel at Copper

(Continued on Page 18)

Cliff since 1948, when he joined the accounting department at the copper refinery. He later became an aisle foreman in the tankhouse department.



A. M. McCuaig

He was transferred to the industrial relations department in August 1967.

Rita Grenon of Sudbury became his wife in 1951. He has four children.

His recreations are fishing, hunting and golf.

J. M. O'SHAUGHNESSY

Jack O'Shaughnessy's biographical sketch appeared in our February 1970 issue on his appointment as assistant to the chief mines engineer.



J. M. O'Shaughnessy

A native of Cobalt, he graduated from Queen's University, Kingston, in 1943, with a mining engineering degree.

M. H. DICKHOUT

A graduate of Queen's University, Kingston, in mining engineering in 1948, Merv Dickhout has been area engineer of Murray, Clarabelle open pit, Copper Cliff North and South mines since February of 1970.



M. H. Dickhout

A brief sketch of his career was published at that time.

R. J. BOUCLIN

Born in Mondou, Saskatchewan, Ray Bouclin graduated from the University of Saskatchewan with a degree in civil engineering in 1936, and joined Inco's general engineering department at Copper Cliff in 1937.



R. J. Bouclin

He moved to the Levack mine engineering department in 1938, was appointed assistant mine engineer there in 1956, and transferred to Crean Hill as mine engineer in 1964. He has held the position of acting area engineer for Crean Hill, Totten and Victoria mines since January of this year.

Married in Morinville, Alberta, to Yvonne Champagne in 1939, he has three sons.

His pastimes include curling, golf, gardening and enjoying a summer camp on Windy Lake.

E. J. GODARD

Following employment at Frood mine during school vacations in 1937 and 1938, Ted Godard joined International Nickel shortly after graduating from the University of Alberta with his B.Sc. degree in mining in 1939.



E. J. Godard

Starting with the Frood engineering department, he moved to Copper

Cliff in 1956, spent some time in Thompson during 1959 as planning engineer with the Manitoba division, was appointed mine engineer at Frood in 1962, mine engineer at Stobie in 1965, and returned to Copper Cliff as planning and estimating engineer in 1967.

He has been mine engineer at Murray since January of this year.

Born in Medicine Hat, Alberta, he grew up in Edmonton, and was married there to Helen Morrow in 1940. He has three children. He has a summer camp on Long Lake.

J. D. McLEOD

Graduating in mining engineering from Queen's University in 1961, Donald McLeod came directly to International Nickel at Stobie mine engineering office, and has since seen service at most of Inco's mines in the Sudbury district.



J. D. McLeod

He was appointed assistant mine engineer at Stobie in 1969.

Born at Rainy River, Ontario, he was married at Atikokan in 1960 to Betty Bromley, and has three children.

Gardening and "do-it-yourself" improvements to his home in Sudbury are his favorite diversions.

S. PATARAN

Sam Pataran had worked at the McIntyre, Kerr and East Sullivan mines before coming to International Nickel at Frood-Stobie mine in 1951.



S. Pataran

Born in Schumacher, he graduated from Queen's University, Kingston, in 1945.

He moved from Frood-Stobie to Garson mine as a shift boss in 1955, and then to Creighton in 1964 as foreman and later safety supervisor. He became a general foreman in 1966.

His marriage to Jean Urquhart of Schumacher took place at Watertown, New York, in 1946. He has four children.

R. ADLINGTON

Born in Winnipeg, Dick Adlington received an honors degree in geology from the University of Manitoba in 1950, and joined International Nickel at Stobie mine the same year. He later worked with the exploration department at Creighton and Garson mines, and has been mine geologist at Crean Hill since 1964.



R. Adlington

He saw war service as a radar mechanic with the RCAF. He was married to Marjorie Pike in London in 1946. He has three children.

His recreational activities include a family camp on Trout Lake, and skating.

G. C. DAVIS

Born in Sault Ste. Marie, Ontario, Gary Davis graduated from Queen's University in 1962 with a degree in geological engineering.



G. C. Davis

He joined International Nickel the same year, starting at Garson mine and later working at Creighton and Totten mines and in the geological field office.

In 1967 he was transferred to Shebandowan mine, at which time drifting from No. 1 shaft was just starting and access to the property was by boat.

He was married at Sudbury in 1964 to Pauline Tate, has one daughter, and resides in Thunder Bay.

W. J. PALMER

Sydney, Nova Scotia was the birthplace of Bill Palmer, who graduated from St. Francis - Xavier University in Antigonish with a B.Sc. degree in geology in 1957.



W. J. Palmer

Following two years with an iron ore concern in Quebec, he took post-graduate studies at Dalhousie University, Halifax, and obtained a M.Sc. degree.

Exploration work in Peru and in the Yukon Territory preceded his move to Inco's geological department at Creighton in 1964, and since then he has seen service at Copper Cliff and at the North mine. He was appointed assistant mine geologist at Totten in 1969.

His marriage to Susan Carsley of Montreal took place in Nova Scotia in 1960; and he has two children.

Riding and swimming are his favorite sports.

D. R. STEPHENSON

Immediately following his graduation from the University of Western Ontario in 1949, with a B.Sc. degree in geology, Don Stephenson joined International Nickel in the mine engineering department at Copper Cliff.

He transferred to the geological department in 1950, spent some time with exploration parties in the Thompson area of Manitoba, and was posted to Stobie mine in 1951. He was appointed assistant mine geologist there in 1967.

He was born in London, Ontario. His marriage to Kay Gilmore took place in Sudbury in 1952; he has one son.

Camping, curling and golf are his favorite recreations.



D. R. Stephenson

F. A. GOODYEAR

Born in Hancock, Vermont, Forest Goodyear received his degree in geology from the University of Vermont in 1953, joined the International Nickel at Copper Cliff the same year, and after exploration work in Minnesota and Saskatchewan, was transferred to Stobie mine geological staff in 1954.



F. A. Goodyear

He moved to Levack in 1956, and has been assistant mine geologist there since 1967.

His marriage to Arlene Newell of Bethel, Vermont, took place in 1955; he has three children.

An active worker with youth organizations, he enjoys hunting, fishing and curling.

N. P. LENART

Norman Lenart, who has been a senior geologist with International Nickel since he joined the Company in 1965, was born in Rock Creek, Ohio, and graduated from Ohio State University with his degree in geology in 1954.

Prior to his move to Inco, he was involved in copper mining in Montana, and zinc mining in California.

He started with Inco at Crean Hill mine, spent one year at Creighton, and returned to Crean Hill in 1968.

His marriage to Yvonne Roscoe took place in Columbus, Ohio, in 1952; he has three children.

His recreations include many outdoor sports. He has held a pilot's license since 1947, plans to own an aircraft.



N. P. Lenart

D. F. MAHAFFY

A senior geologist since 1967, Dave Mahaffy joined International Nickel shortly after graduation from McGill University with his B.Sc. in geology in 1964.

Starting with the geological department at Garson, he spent several years on a Sudbury basin mapping project. He was posted to Murray mine in 1969.

A native of Toronto, he was married in 1957 to Marijke Prins, who came to Canada from Holland in 1950. He has three children.

Camping, golf and curling are his recreations.



D. F. Mahaffy

A. C. SMEETH

A member of the Levack geological department since he joined International Nickel in 1956, Al Smeeth has been a senior geologist since 1964.

A native of New Haven, Connecticut, he graduated from Earlham College, Indiana, with a geological degree in 1952, and then spent two years at the University of Wisconsin studying economic geology.

His marriage to Phyllis Rich took place in Chicago in 1952; he has two children.

Fishing, skiing and water sports head the list of his spare-time activities.



A. C. Smeeth

E. G. WOHLBERG

Elwood Wohlberg's association with Inco started at Creighton mine in 1964, shortly after his graduation from the University of Saskatchewan with a degree in geology.

He moved to Garson mine geological department in 1966 and to



E. G. Wohlberg

Kirkwood in 1969; he has been a senior geologist since 1967.

A native of North Battleford, Saskatchewan, he married Evelyn Cunningham of Speers, Sask., in 1960; he has three children.

Photography is his hobby, and he enjoys outdoor sports, curling and camping.

P. W. SOUTER

Born in London, England, Peter Souter served with the Royal Engineers in the Middle East before completing his education at Cambridge School of Mines, Cornwall, from which he graduated in 1950.



P. W. Souter

He was a shift boss at a large Northern Rhodesian copper mine for two years before joining International Nickel in the mines research department at Copper Cliff in 1952. He became a member of the process improvements staff in 1958, and was a senior projects engineer when he was appointed research engineer, projects, in January 1966.

His marriage to Linda Palmer of Ottawa took place in 1954. He has three children.

He is a past president of the Sudbury Canadian Club. Sailing, camping and skiing are his leisure-time favorites.

R. McINTYRE

Born at Creighton Mine, Bob McIntyre has been a resident of Copper Cliff since 1927. He graduated from Sudbury Mining & Technical School in 1932.



R. McIntyre

Starting in the electrical department at Copper Cliff with the line gang under George Robb in 1932, he has been involved in electrical maintenance ever since. Until his new appointment he was a maintenance zone planner.

He was married at Copper Cliff in 1938 to Florence Hurd, and has two children.

His summer camp is at Long Lake.

T. L. PRIOR

A native of Portage La Prairie, Manitoba, Tom Prior started his Inco career in 1959 as a helper in the maintenance department at Copper Cliff, and became a foreman in 1961. Following a year as plant safety engineer he became a maintenance zone planner in 1968, and a maintenance engineer last year.



T. L. Prior

He received a bachelor of arts degree from Laurentian University, Sudbury, in 1964 through the extension department courses.

Youth work in Lively, and boating and camping are his interests.

He was married at Sudbury in 1959 to Marion Burns, and has four children.

Biggest Iron Ore Plant Payoff Yet

Kiln operator Romeo Quintal and pumpman John Lanteigne put their heads together at the iron ore plant and clicked for a nice suggestion plan jackpot. Devising a unit which will eliminate



the plugging of waste water lines running to the roaster kiln discharge areas, Romeo and John are sharing \$850 for their on-the-job awareness. This is the largest award yet made at the iron ore plant for a suggestion applicable to operations.

Both men plan to apply their shares of the reward to interior decoration and general home improvements. Shown in the picture are John and Romeo receiving their cheque from iron ore plant manager Earl Stoneman (centre).

Frood-Stobie mill workers are happy to know that they too are now eligible to reap the harvest of the employees' suggestion plan as of May 1, 1970. The top prize since changes were made in the plan in June of 1968 is \$5,000.

Golden Anniversary

Close to 200 relatives and friends of Nick Maki and his wife Tyne gathered at a supper reception, held in the parlor of St. Timothy's



Lutheran Church in Copper Cliff, to mark the 50th anniversary of their marriage, which took place in Kauhava, Finland, on April 24th 1920.

Mr. Maki, who retired from Inco on early service pension in 1959 after 30 years at Creighton mine, came to Canada in 1923 and joined the Company in 1928. Mrs. Maki joined him in Canada in 1927.

The Makis have a family of two; their son Taisto is a level boss at Creighton, where he has worked for 30 years.

One of their grandchildren, Margretta Smith, won a \$5,000 Inco scholarship in 1961. Another, Brenda Maki is employed in the Company's general engineering department at Sudbury.

Levack Regains Parker Shield

(Continued from Page 13)

followed by the flare of brilliant red lights within the house signaling a fire.

After extinguishing the conflagration with the help of the town's single fireman the first aid team, using flashlights, entered the smoke-filled building to find two badly injured men and a severely burned woman.

When the house lights finally came on the team was some five minutes into the problem, the big audience could follow the step-by-step treatment of the crash victims, whose injuries included compound and simple fractures to arms, legs and kneecaps, severe lacerations and bleeding, first and second degree burns and shock.

Nerve-Testing Surprise

A typical Crowther "whammy" was sprung after the team had used about half of the 45-minute time limit and were just beginning to feel that they had the thing licked. Described in the program as "blood-soaked from arms to feet", and generously made up to fit the description, the pilot of the plane staggered onto the scene dragging his unconscious co-pilot behind him on a piece of canvas. This duo added more severe lacerations, broken legs and shock to an already highly complicated situation, but both teams took the surprise well in stride.

When the team grabbed diapers from a convenient clothesline to use for bandages, an indignant mother, carrying her bare-bottomed infant, created mayhem by trying to retrieve her purloined property. She was Coniston first aid man Jack Corrigan, whose antics added a few refreshing moments of mirth to otherwise serious proceedings.

A Safety Team Effort

Safety department personnel who helped stage the dramatic display included Ellard Belter on props, Hank Derks on the overhead projector which kept the audience abreast of developments, and Mike Mulloy on sound effects. The realistic wounds and injuries were simulated by the team of Jackie Phillips, Verdie Villeneuve and Alan Steele. Miles Zettler was timekeeper, and Greg Scully was the firecracker man. Tom Crowther filled his usual role as master of ceremonies.

Sons of first aid and safety department personnel, the five crash victims were Alan Crowther, Alan Butler, Richard Cote, Eric Moland and Walter Fuerness.

Coffee and doughnuts were served during intermission to what was estimated to be the biggest crowd in the 33-year history of the competition.

4710 Trained in First Aid

A total of 154 teams involving 924 men were trained for competition. For 524 men it was their baptism in first aid competition. During the last five years a total of 4,710, or one man in every 4.2 in the Ontario division work force of 19,553, has been trained in first aid.

Frood-Stobie mine had the biggest competition enrolment, 318, followed by Creighton with 144, Levack with 120, Garson with 72, Copper Cliff reduction works with

66, Port Colborne 60, copper refinery 54, iron ore plant 30, Coniston 24, and Crean Hill and Murray mines with 18 each.

Semi-final competitions were held early in April with six mine teams from Crean Hill, Levack, Frood-Stobie, Garson, Murray and Creighton battling it out for the H. J. Mutz trophy, and five surface plant teams from Coniston, iron ore plant, copper refinery, Port Colborne and Copper Cliff matching wits and skill for the D. Finlayson trophy.

Mutz Trophy Event

Staged at the Inco Employees Club in Sudbury, the Mutz trophy problem involved the collapse of a roof at a suburban construction site with subsequent injury to two workmen. Found buried in the debris, the men were suffering from simple and compound leg and arm fractures, lacerations, severe bleeding and shock. Time allowed for the problem was 25 minutes; judges were Hank Derks and Joffre Perras of the safety department. Following a competent display of first aid by all teams, Levack mine was proclaimed the winner.

Presentation of the Mutz trophy and individual prizes of power saws was made by G. R. Green, assistant general manager (mining).

The Mutz trophy was first competed for in 1948, and has been won on four previous occasions by Levack. The competition drew 115 mine teams totalling 690 men.

Held at Port Colborne

The Finlayson trophy event took place before a large audience at the Inco Recreation Club at Port Colborne. The staged calamity occurred on a lakeside beach, and involved a boating accident in which two victims suffered lacerations, severe bleeding, compound and closed fractures to arms and legs, and shock.

Time allowed for treatment was limited to 25 minutes. Judging the performance were Dr. B. F. Hazlewood, Dr. J. M. Stephenson, Joffre Perras and Leo Legault.

The victorious Port Colborne team received the Finlayson trophy and power saws from Ontario division general manager J. A. Pigott.

Although it was only the fifth time that the Port Colborne team has competed for the trophy, their outstanding record now lists three wins in a row.

Many admiring comments were made about the lakeshore backdrop; the talented artist was Martin Kovacs of the nickel refinery mechanical department.

Thirty nine teams involving 234 men were entered in this year's surface plant eliminations for the Finlayson trophy, which has been up for competition since 1948.

The four Sudbury district teams travelled to Port Colborne by chartered bus and were royally entertained by their nickel refinery hosts. They were taken on a tour of the Niagara Peninsula, and also the nickel refining operations.

Then there was the man who said to the Turk: "I can't remember your name, but your fez is familiar."

Lucien Despatie's

SUGARBUSH



To tap a tree, Lucien bores a small shallow hole in the bark, in which he inserts a spigot that will divert the sap's upward flow into a collection pail. Depending on the weather, a pail may be filled in as little as five hours.



Many organized excursions, like this group of 80 Garson Girl Guides and Brownies led by Mrs. Diane Marcotte, visit Lucien's farm to get a firsthand view of the manufacture of maple products and savor the sweetness of the springtime miracle of the sap.



An unforgettable treat is fresh maple taffy, poured hot seconds just before on clean spring snow. Nobody had to coax this threesome to come forward for their samples: Annette Loranger, 8, Denis Laplante, 12, and Rosanne Loranger, 13, all from nearby Dowling.

Lucien and his two sons, Richard, 13, and Robert, 7, gather sap from the sugarbush in a big barrel on their "one-horse open sleigh", pulled by faithful Sonny.



HE'S A REAL "SUGAR DADDY"

Lucien Despatie is one of the few authentic "sugar daddies" in the Sudbury district.

A dryman at Froot mine, Lucien has his own 200-acre "spread" just south of Hanmer, and although he grows an annual crop of hay and raises a small herd of Herefords, he's much better known in the area for his maple products.

Although far from being a large commercial concern, Lucien's sugarbush easily fills his family's needs for the year, and also from an educational viewpoint is a boon to local teachers who can be seen every spring at the Despatie farm on organized excursions with their eager young charges. The reality of the outdoor experience sinks in a lot deeper than a classroom lesson.

1700 Maples in His Bush

On his mixed farm Lucien has about 1700 maple trees. Starting with the first real feel of spring he taps 500 every year to produce about 75 gallons of syrup. In view of the fact that each gallon of syrup is boiled down from 40 gallons of sap, Lucien and his family have their hands full in tapping the trees, gathering in the sap with Sonny, their hard-working horse, and keeping the evaporator fired up for the "sugaring off".

As well as delicious maple syrup, Lucien also makes rich maple pull-taffy and maple sugar, products that result from further boiling of the syrup.

Every week-end during the sugaring-off season, which lasts

about four week-ends starting about the first of April, people come to the Despatie farm in families and in organized groups to enjoy a nostalgic novelty. All are treated to generous delicious samples. No one, says Lucien, goes away from his sugarbush without a sweeter outlook on life.

As the bored child said to his father on a motor trip: "Why don't you let Mom drive? It's more exciting."



As far as five-year-old Kandy Ann Loranger is concerned, little girls are made of "maple sugar and spice and everything nice".



Lucien adjusts the sap flow on the steaming evaporator, while his wife, Alice, screens floating impurities off the boiling sap. The stove is wood-fired.



Speaking to the group is Dr. Richard Hodgson of the University of Western Ontario, London; seated left to right are R. N. Browne, Copper Cliff; D. A. Fraser, Copper Cliff; E. J. McIvor, Thompson; R. J. Bradley, Toronto; R. Lud-

gate, Copper Cliff; K. B. Young, Toronto; F. W. Sheridan, Copper Cliff; J. S. Zimmer, Port Colborne; at back, Dr. M. C. Bell, Sheridan Park.

Inco Middle Management Pilot Seminar at Toronto

First of a series of week-long live-in training seminars for the members of Inco's middle and senior management team in Canada was held at the Inn-on-the Park Hotel, Toronto. Twenty participants, chosen from the four major centres of Inco's Canadian operations, were guests of the Company for the six-day pilot session. Following this initial "shakedown" conference, which was to provide the training planners and participants an opportunity to evaluate the program content, it is intended that on a continuing basis three similar seminars per year will be scheduled for Canadian management personnel, three for the United States and two for United Kingdom managers.

Under the co-leadership of Warren G. Orr, corporate manager, training, and Richard F. Moore, corporate manager, management development, the program is designed to provide the latest information, insights and developments in the field of professional general management. On this point Mr. Orr stated, "We want to present through the conference approach a broad spectrum of modern professional management disciplines, with particular emphasis on usable techniques. At the same time participants will have an opportunity to improve their understanding of overall Company objectives and philosophy. The whole thing is keyed to individual development."

The seminar opened with a three-hour session dealing with the nature and function of the management process. Subsequent sessions were devoted to "Management Leadership", "Organization Planning" (conducted by Norman Hayman, manager, organization planning), "Controlling by Objectives", "Delegation and Coaching", "Effective Work Planning" and "Employee Development". Dr. Richard Hodgson of the School of Business Administration, University of Western Ontario, London, conducted the group through a full-day session on "Communications, Motivation and Management".

All participants were required to complete special supplemental reading and case study assignments each evening in preparation for the following day's discussions.

Senior executive personnel from both Canada and the United States addressed the group on departmental activities. These functional sessions included a presentation by



J. R. Feick, Copper Cliff; K. J. Steele, Toronto; L. C. MacDonald, Creighton; B. I. Lindenau, Port Colborne; at back, N. W. Hayman, Toronto.



T. L. J. Carter, Thompson; W. H. Digby, Copper Cliff; F. G. Burchell, Copper Cliff; C. O. Pritchard, Toronto; N. C. Hillier, Port Colborne; Dr. Hodgson, speaker; not shown, W. J. Thorpe, L. M. Ames, Thompson; and R. J. Bradley, Toronto.

L. S. Renzoni on "International Nickel's Changing World"; Exploration, R. R. Taylor; Process Research, Dr. W. Steven; Engineering, G. H. Curtis; Marketing and Market Development, K. H. J. Clarke; Salary Administration, J. G. Campbell; Public Relations, J.

H. Page, assistant to the chairman; Finance, C. F. Baird; Labour Relations, N. H. Wadge; Personnel, D. A. Wallace; Computer Appreciation, J. N. Grassby.

S. F. Byrd, recently appointed vice-president, industrial relations and personnel, introduced executive

vice-president F. Foster Todd who presented a complete summary of the Company's operations at a special dinner meeting.

The seminar will be repeated this year for Canadian personnel during the weeks of September 13 and December 6.

Minor Leaguers' Season Windup



Trophies, NHL films and a mountain of hot dogs were on the vociferously enjoyed menu as the Copper Cliff Athletic Association drew its minor hockey season to a close at a morning roundup of the

young players held in the Copper Cliff Legion hall.

This year, 260 boys, ranging in age from 5 to 14, made up 16 teams in four age divisions of the league. Every Saturday morning,

often before sunrise, Stanley Stadium rang with the cheery noises of kids' hockey as the Bobbie Orrs and Gordie Howes of the future polished their moves, urged on by coaches and interested parents.

Shown with Jim Davidson (right) the dedicated league convener, are three of the season's victorious coaches: left to right, Leo Pevato of the Canadiens (squirts), and Pete Zvonkovich and Harold Dewar, co-coaches of the Penguins (atoms). Missing from the picture are winning coaches Darold Hryciw of the Penguins (pee wees), and Royce Blackwood of the Bruins (bantam).

Seated left to right are the captains of the four teams that won in their respective division: squirt Ross Grooms, atom Mike Murray, pee wee Craig Loupelle and bantam Wayne Lucky.

The association also entered teams in three NOHA divisions; although none finished first, the pee wees were runners-up in their division, playing in a round-robin tournament against Levack and Valley East.

Retired on Inco Pension

ROY SPENCER

A slag dump boss at the Copper Cliff smelter since 1938, Roy Spencer's retirement on early service pension ends a 42-year partnership with Inco that started in 1927.



Roy Spencer

He was just 12 years old when he first provided his services to the Company — as a messenger boy at Copper Cliff during his summer holidays in 1919 — and recalls that the job then was worth \$45 a month.

Roy was born at Warren, was married to Laura Demers of Chelmsford in 1929, is the father of three and the grandfather of 11.

Due to Mrs. Spencer's poor health, Roy will assume full-time duties as housekeeper and gardener. He admits that re-adjusting to the life of a pensioner is not easy. "I miss the many old friends I used to meet every day — including Jimmy the slag dump dog."

BASIL LEVERE

A gas locomotive operator for the past 25 years at the nickel refinery, Basil Levere, a Port Colborne native, has retired on a disability pension after 28 years of Inco service. His actual birth-



Mr. and Mrs. Levere

place was Cainsville, now incorporated into the northwest limits of the city. He started at the refinery in 1942.

Basil was married to Audrey Robinson in 1949. A gardening expert, he is a dahlia fancier and also claims to grow the best red cabbages in the area.

Mr. and Mrs. Levere will continue to reside in the city.

ERNIE RODRIGUE

Ernie Rodrigue has left the sand-fill stopes at Murray and is comfortably established as a pool-room operator in Chelmsford. The



Mr. and Mrs. Rodrigue

transition has followed his retirement on disability pension after 23 years with the Company.

Ernie was born and grew up on

a Chelmsford farm, joined Inco at Copper Cliff in 1943, broke his service to help his father on the farm, and returned to the smelter in 1946. He transferred to Murray in 1948, and was a motorman for 19 years prior to his move to the stopes.

He and his wife, Hugette Castonguay when they were married in 1947, have a family of four, three attending school and Lionel, who works in the accounting department at Copper Cliff.

LEO BEAUSOLEIL

With a new lease on life following open heart surgery, Leo Beausoleil has retired from Creighton after 27 years with Inco.



Leo Beausoleil

Peterborough was Leo's home town, and he left there to join the Company at Creighton in 1942. The following year he enlisted in the 1st Canadian Parachute Battalion, served two years in France where he made 24 jumps, and returned to Inco at Frood mine in 1945.

He has worked at Creighton since 1952, and was a chute blaster during the last six years.

A Creighton girl, Josephine Pirini, exchanged marriage vows with Leo in 1951, and they have a family of three sons.

A disability pensioner, he will continue to reside at his home on four acres of rural countryside in Waters Township.

OLIVER HIRVELA

It was in 1929 that Oliver Hirvela left his home town of Jamsankoski, Finland, for Canada and Inco. He started at Frood, worked there as a shaft inspector for almost all of



Mr. and Mrs. Hirvela

his 41 Company years, and was a caretender prior to his retirement on special early service pension.

His bride of 1931, Sudbury girl Lempi Riutta, presented him with a son, Alan, who now has two youngsters of his own.

In excellent health and a keen outdoorsman, Oliver will continue to hunt moose and deer, fish, and stay mentally active reading good literature.

THOMAS ROBERTS

Thomas Roberts moved to Port Colborne, and became employed at the nickel refinery, in February 1941. Prior to that, he had done farm work around the Chatham area, his birthplace.

Tom worked in the anode department until 1947 and then

transferred to the mechanical group. He became a boxmaker in 1964, his classification at the time of his disability retirement.

Isabell Sherk and Tom were married in Dunnville in 1941. They have a son Gerald, who is em-



Mr. and Mrs. Roberts

ployed in the anode department, two daughters and five grandchildren.

Tom enjoys woodworking and is understandably proud of the furniture that he has made for himself and his children. The Roberts have not yet decided where their retirement plans will take them.

JACK O'HARA

A well-known, colorful character at Copper Cliff, where he worked for 33 years, jolly Jack O'Hara has retired on service pension.



Mrs. O'Hara

Jack's home town was Plymouth, England, and he left there to explore the possibilities of Canada in 1923. Liking what he saw, he stayed, worked in Montreal and Windsor, and joined Inco as a fitter in 1937.

Work in the paint shop and at the coal plant followed, and after losing an arm in an accident in 1942 he resumed duties in the maintenance department warehouse at the mill.

Jack was married to Irene Koski in Windsor in 1932. Of their family of three, Bob is an accountant at the copper refinery, and Judy is the wife of High Falls floorman Wally Taylor.

As well as being a sports en-

thusiast active as a promoter in junior hockey, softball and shift league hockey, Jack has served as livewire emcee at the annual banquets of the Copper Cliff mechanical and upper yard pension welfare clubs for the last 18 years.

Unable to accept inactivity in retirement, Jack is already back in harness as a full-time foreman painter.

GEORGE MAKI

It was a toss-up between mining and ski-making that caused George Maki to turn in his badge three times after first starting at Frood in 1931. Mining won out in 1949, he returned to stay, and after



Mr. and Mrs. Maki

completing nearly 21 years with Inco, has retired on service pension.

During his last nine years with the Company, George worked as a pit miner at Clarabelle.

He came to Canada from Finland in 1926, was married to Helga Makinen of Copper Cliff in 1935, and has a daughter living in Toronto.

The victim of a heart bump in 1969, George is planning a quiet retirement devoted to his hobbies of carpentry and fishing.

WILF LAURIN

Ending a mining career that started in 1922 at the old British America Nickel Company's Murray



Mr. and Mrs. Laurin

mine, shaft inspector Wilf Laurin has retired on special early service pension after 33 years with Inco.

Wilf was born and grew up on

They Packed the Place for Jolly Jack O'Hara

It was standing room only for a while at Copper Cliff mill pensioner Jack O'Hara's retirement stag, held at the Italian Club. But extra places were found and close to 400 sat down to dine and later applaud presentations to the popular honored guest including a color TV and a set of luggage.

Smiling Jack is shown here with his two sons, Chuck and Bob, and (left) maintenance training supervisor Syd Stone, who made one of the presentations.



an Azilda farm, joined the Company at Garson in 1936, worked at Levack, and made his final move to Murray in 1942.

At Chelmsford in 1931 Wilf was married to Alfrida Proulx. Three of their family of six will carry on Wilf's representation in Inco: Yvon is a maintenance mechanic at Frood, Suzanne is the wife of Copper Cliff field department rodman Bob Mei, and Romance is married to Levack driller Curtiss Wagner. They have 10 grandchildren.

Wilf's current retirement activities include putting the finishing touches to the new home he has been building at Azilda since 1969.

EARL HANNAH

Ill health has forced Earl Hannah, blacksmith at the nickel refinery in Port Colborne for the past 25 years, to retire on disability



Mr. and Mrs. Hannah

pension. Earl started to work at the refinery in January, 1942. He was born at York, Ontario in 1910.

Ruth Ottermann of Fisherville became Earl's wife at Cayuga in 1935. They have three children and two grandchildren. Earl is looking forward to getting out to work in his garden, flower beds and lawn. The half acre of land on which their home is situated will give him ample opportunity to be out in the fresh air and sunshine.

TIMOTHY FORAN

A bachelor and a Company special early service pensioner, Timothy Foran is now free to indulge in his favorite sports — hunting and fishing — to his heart's content.

A grinderman at the Copper Cliff separation building since 1936, Tim first tried his hand at farming, railroading, lumbering and claim assessment before joining the Company in 1936.

The first 10 of his 33 Inco years were spent in the Orford building. His home town was Douglas, Ontario.

LEO FERLAND

Leo Ferland, machinist helper at the Port Colborne nickel refinery, has retired on disability pension



Mr. and Mrs. Ferland

after 21 years of service. His continuous service began May 1, 1948.

Born in Manchester, New Hampshire, Leo moved to Robertsonville,

Que., at an early age. He operated a bakery there from 1931 to 1938. He was married to Helen Bisson in 1936, and they have five sons and a daughter.

The Ferlands have not made any definite plans for their retirement.

ALEX PAKKALA

Now retired and living the life of a gentleman farmer on 150 peaceful acres of Waters Town-



Mr. and Mrs. Pakkala

ship, special early service pensioner Alex Pakkala was employed at Copper Cliff for nearly 35 years.

Born in Copper Cliff, Alex started with the Company for the first time in 1928, turned his hand to farming during the early thirties, and returned as a miscellaneous fitter in 1935. He has worked as a maintenance mechanic since 1945.

His marriage to Hilka Hirvela took place in 1929 and they have two sons, one of whom, Andrew, is a machinist at Copper Cliff. Seven grandchildren complete the family.

REMI DESFORGES

A puncher on the nickel converters at Copper Cliff for the last 13 of his nearly 30 years with Inco, Remi Desforges has retired on disability pension.

Remi grew up on the 80-acre Hanmer farm where he was born, and started with the Company on the Orford building converters in 1940.

Agnes Harrison, also from Hanmer, became Remi's wife in 1938, and during the next few years presented him with two sons and a daughter. Son Roger is employed as a driller at Garson.

A widower since 1966, Remi shifts for himself and will have no difficulty finding things to do during his well-earned retirement years.

PETER WHITE

Although thoroughly enjoying the unhurried and relaxed life of a pensioner, Peter White admits



Mr. and Mrs. White

that he still hankers for those friendly lunchroom discussion sessions with his buddies at Frood mine.

A native of Arnprior, Peter joined Inco in 1935 and has retired on service pension after 35 years with the Company, all at Frood.

He was a motorman for the last 20 years.

Marie Fortin exchanged marriage vows with Peter in 1927 and they were blessed with a family of five. Mrs. White died in 1945. Their son Ron is a shift boss at the Copper Cliff mill.

Peter's second marriage, to Mrs. Gladys Murdoff in 1950, added another son to the family, which has a grand total of 18 grandchildren.

ANDY ANDERSON

A Copper Cliff town carpenter for 21 of his 23 Inco years, cheerful little Andy Anderson and his tool box are well-known to the large number of residents who benefitted from his skills.

Having reached his 65th birthday, Andy has downed tools and retired on service pension.

He left his home town of Silkeborg, Denmark, for Canada in 1927, and joined International

Andy Anderson

Nickel in 1946. A bachelor, Andy enjoys fending for himself, and plans to settle back and catch up on his reading — his favorite recreation.

STAN SNIDER

Born and educated in Kitchener, Stan Snider has retired on disability pension after

32 years' service with the company. Originally a window dresser by trade, Stan started with Inco in 1937 at Levack mine, where he later became a divisional foreman. Transferred in 1950, he was at Frood and Garson until 1964, when he returned to Levack; he was a foreman there on his retirement.

He served for one year as an alderman in Sudbury, and has been active in church work. Formerly an enthusiastic sportsman, he captained a rifle team that won Ontario championship honors in 1940 among 200 team entries. Now he looks forward to spending lots of time at his summer home on Tower Bay at Windy Lake.

Married in 1937 to Audree Hinds, who died in 1968, Stan will host visits from the six grandchildren that his three daughters and Stobie divisional foreman Stan Jr. have presented him.

MOISE BOULAY

A pluggerman with the nickel reverber department at Copper Cliff



Mr. and Mrs. Boulay

for the last nine of his 28 years with Inco, Moise Boulay has retired on service pension.

Son of a Gaspé fisherman, Moise left Quebec for Sturgeon Falls with his parents in 1920, put in his bid for a mining job with the

Company in 1942, was one pound shy of the minimum weight requirement, so settled for surface work at Copper Cliff as a converter building baileman.

His marriage to Marie Fortin of Cache Bay took place in 1932, and he is the father of one daughter and grandfather of four.

In good health, Moise will continue to reside in Sudbury, and will stay active at his hobby of gardening.

Laurentian U. Approves Nursing Degree Program

Approval has been given by the academic senate of Laurentian University to allow the Laurentian University School of Nursing to offer for registered nurses a degree program leading to a Bachelor of Science in Nursing.

The program will give registered nurses an opportunity to upgrade their academic and professional education, and provide them also with a basis for master's and post-master's education in accredited institutions.

The academic entrance requirements for registered nurses planning to enter the school include English or French, biology and chemistry at the grade 13 level; They must have an overall average of at least 60 per cent, or equivalent standing in these subjects from other provinces.

STARRED AT HORSE SHOW

Three horses and six riders from Thompson's ambitious Sunset Riding Club brought back three ribbons and valuable experience from the Manitoba Winter Fair horse show. They competed against entries from Toronto, Montreal, the U.S. and other Manitoba and Saskatchewan centres.

One of the horses, Tipperary Star, ridden by the club instructor, Margaret O'Callaghan, was the surprise of the show with a brilliant performance over hurdles he had never been schooled in.

The Thompson club has purchased six more horses for trail riding.

WON RALLY PRIZES

In the Sudbury Sports and Light Car Club "Graduation Rally", a car driven by Marlies Schoenfeld and navigated by her husband Dieter of the general engineering office, drove off with first prize; assistant special projects engineer Jack Van Delden placed third with able navigation assistance from his wife Andrea.

THANK YOU, MR. REID

To the Editor:

Just a word of appreciation for you people of the Triangle. It's a wonderful thing you do for us pensioners. Each month's issue is a renewal of old acquaintances, bringing back fond memories of other days.

Many, many thanks to such a good Company, which makes your services possible.

Gratefully yours,
Clifford Reid,
Wainfleet, RR 2, Ont.



"Cappy" Capstick presents the Spence Beaver memorial trophy, emblematic of the club championship, to skip Bob Miller, Ken Braumberger, Dave Dunn; not shown: Gene St. Pierre.



Skip Teedy Leclair, Bill Beavers, Gerry Chartrand and Don Peters were the proud winners of the J. R. Gordon event and trophy.

Another Big Season for Cliff Curlers

Reading the Copper Cliff Curling Club's balance sheet, in the picture on the right, president-elect Joe Sauve and secretary Harry Davidson have every reason to look as if they are singing a duet all the way to the bank. Along with the healthy balance in the kitty, improvements made to the property and a membership of 400 reflected a very substantial season for one of Canada's best-organized and best-run curling establishments.

The season was appropriately celebrated at the annual meeting, trophy-giving and stag party held at the club on May 1. Dan Kelly came up from Toronto to contribute his fatherly influence.

Succeeding Bill Brown in the presidency, Joe's executive also includes Jim Kuzniar, vice-president, Syl Merla, assistant to the president, and John Henry as Harry's assistant secretary.

Committee chairmen were named as follows: house, Jack Gladstone; ice, Keith Segsworth; competition, Bill Buchanan; prizes, Roy Lister; bonspiel, Wally Saffic; junior curling, Mac Canapini.

Representatives named to the executive committee were:

Frood, Jack Watkins; Creighton.



Ralph Brown; Mechanical, Lloyd King; Electrical, Bill Bryce; Smelter, Peter Duffy; Smelter Shift, Ken Milner and Rene Poirier; Mill, E. Capstick; Refinery, Larry Martel; Research, Alf Blair; Office, Steve Kuzmaski; Town, George Sims; Lively, El Umpherson; Clarabelle, Toby Armitage; Murray, Dar Storey; Stobie, Don Horne; Iron Ore Plant, Army Didone; Engineering, Mike Skirda.

Honorary presidents of the club are James C. Parlee, J. Roy Gordon, J. A. Pigott, A. Godfrey, D. Kelly; honorary vice-presidents are R. G. Dow and G. H. C. Norman.

The Toronto-Dominion Bank trophy was presented by Harold Willis to skip Alf Blair, Bob Coulter, Bob Campbell, Vince Campbell.



The venerable J. G. Henry trophy for the Colts event, donated in 1917, was presented by Jack Lilley to skip Jack Noonan, Jim Fowler, Don Young, Keith Kyle.

Thoughts at the Wheel

Drivers who pass on hills don't make the grade.

Drivers who speed downhill don't know the gravity of the situation.

A fatal accident happens once in a lifetime.

Buckle your belt—not your car.

Fasten that belt to avoid leaving the scene of an accident.

Drivers who think first—last.

Traffic cops have arresting personalities.

Never chase a clock with a car.

For tailgaters the end is in sight.

Wearing safety belts is a snap.

Blow your horn, not your mind.

Diamond Drilling Safety Award Won By Inco

At the annual meeting of the Canadian Diamond Drilling Association in Vancouver last month, The International Nickel Company of Canada, Limited was presented with the association's mining company diamond drilling safety award for 1969.

The award is given annually to that company which operates diamond drills with the best safety record. International Nickel's diamond drillers worked a total of 232,312 man-hours during 1969 without a compensable accident.

Clare Cyr, diamond drill foreman, Sudbury district, accepted the award on behalf of the Company from F. Pearson, the association's safety coordinator. He is shown here with the attractive shield.



Winners of the W. T. Waterbury event for shift curlers were skip Rene Poirier, Jack Newell, Raland Asselin, Paul Byers. With Hurly Hreljac replacing Raland Asselin, the same team also won the Single Rink event.



Winners of the Bob McAndrew memorial trophy for the senior club championship were skip Steve Kuzmaski, Jim Blackport and (not shown) George Burns, Walter Dydyk. The Inter-Rink event was won by skip Gord McQuarrie, Del Borgogelli and (not shown) John Caulfield, Pat Riley.