

VOLUME 23

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Mine and Market

(Story on Page 12)

### "World Brotherhood" Is Theme As Sudbury District Wolf Cubs Stage Big Cuboree



The large grassed area in front of the Copper Refinery swarmed with activity June 1 when 750 Sudbury district Wolf Cubs pitched their tents and whooped it up at a Cuboree. "World brotherhood" was the theme, each Cub unit presenting a display of a country's flag, costumes, customs, and native foods. Visitors taking this "world tour" were much impressed by the interest and imagination shown by the Cubs in putting across their noble theme. A hilarious obstacle race, a search

for silver in "them that hills" adjoining the area, a re-enactment of the historic siege of Mafeking, and a campfire were other features of the Cubaree. In the above view the siege is going on in the right foreground, where attackers can be seen creeping toward the embattled fort. The Inco diamond drill setup made a good background prop for the silver search, in which the Cubs hunted "lodes" planted in the rocky terrain nearby. All in all it was a splendid event.



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Appointment

Ontario division general manager T. M. Gaetz has announced the appointment of A. M. Cameron as mechanical superintendent of mines. He succeeds R. L. Smiley, who has retired on service pension.

Born at Saskatoon, where his father was principal of Nutana Collegiate Institute, Alan M. Cameron attended the University of Saskatchewan from which he graduated in mechanical engineering in 1943. His university career

was interrupted for two years during which he worked for the Massey Harris Company.

On graduation he enlisted in the Royal Canadian Navy and at war's end held the rank of lieutenant - engineer.

A. M. Cameron

He then joined Inco, with which he had his first contact in 1942 as a summer vacation employee with the smelter mechanical department.

From 1948 to 1951 he was on the staff of the Ontario Department of Mines as mechanical inspector of mines, after which he rejoined Inco. He spent one and a half years as assistant master mechanic at Prood mine, then moved to Copper Cliff as assistant master mechanic of mines.

In Pebruary, 1959, Mr. Cameron

was transferred to Thompson as mechanical superintendent. He speaks with warm admiration of the work done by the foremen and men who were on the job during the hectic period when the new Thompson plant was brought into production.

He was married at Halifax in 1943 to Merle Virtue of Moosomin, Sask., with whom he attended university. Their family are David, 18. Shirley, 15, and Barbara, 9.

His recreations are curling and woodworking.



POPULAR VISITORS

Mr. and Mrs. Edward Vaughan replied with a Welsh song as a group of friends farewelled the delightful couple on their departure on the Canadian after a visit to Copper Cliff. A director of Inco-Mond, Mr. Vaughan visited the Port Colborne and Sudbury District plants as well as the Toronto and New York offices; he and Mrs. Vaughan returned to London May 8.

#### Inco Golf July 13

The 1963 Inco golf tournament will be held July 13 at Idylwylde Golf and Country Club, J. C. Daley announces.

Arrangements for this year's play will be identical to those in 1962. The "shotgun" method of starting will again be used, thereby allowing 144 18-hole rounds. In the event of a larger entry, some golfers will be drawn for a speical nine-hole round. Except for obvious competitors for the Beattle Trophy, selection of the nine-hole entrants will be by lot.

The fee for all golfers is \$4.00 and covers golf, lunch or dinner, and dancing after the presentation of awards. The banquet, presentations and dancing will be held at Cassio's Venetian Room.

### Richard Valli

A miner for 35 years, although his continuous Inco service dates only from 1942, Richard Valli has retired from Stobie on disability pension due to a heart condition.

Born 64 years ago on a farm in Finland he helped install some of that country's early power lines before coming to Canada in 1927.

The following year he was hired at Levack and came to Frood in 1929 where he helped drive the main crosscut on 2400 level. In 1932 he moved to Toronto and the garage business, but was back at Creighton in 1935 and helped sink no. 5 shaft. He also worked at

Garson and later with the sinking crew at Stobie no. 7 shaft, then worked on many levels at that mine. The last couple of years he has been on lighter work.

He married Hilma Vicklund in 1944 and they have a son Allen who also works at Stoble, and three grandchildren.

Ten years ago he made a trip back to Finland which he enjoyed very much. Very comfortable in his Byng Street home he enjoys fishing at lake Penage where he has many friends.



Mr. and Mrs. Valli

\$640 Suggestion Bonanza for Arthur Mayer



Photographs of Port Colbarne employees demonstrating the right and wrong ways of performing their jobs are a new weapon in the plant's determined drive against accidents. Louis Bernache is seen studying a display in the electrolytic department. The Nickel Refinery's safety campaign is showing excellent results.

SENSOR CARRIED AND STATE OF

# INCO FAMILY ALBUM





COPPER CLIFF: Member of the meter gang in the Copper Cliff electrical department. Len Kaattari is pictured here with his wife Irma and their four bright youngsters. Karen is 9, Douglas, 8, Wendy, 5, and Larry, 2. Lively residents for eight years the Kaattaris enjoy living there very much.



PORT COLBORNE: Representing the Ontario division Nickel Refinery this month are Mr. and Mrs. Will Russell and their children, Dale, 15, Pat. 9, Cheryl, 11, and Beverly, 12. Will works in the shearing department, has been with Inco 12 years.

LEVACK: Leonard Roy has been an Inco man since 1945, all his service at Levack. Here he proudly poses with his wife and their big happy family: front row, Jacquelline (Mrs. Rane Dapierre), Marie-Paul (Mrs. Alcide Chiasson), Pierrette (Mrs. Claude Marie), Mana, 3, on her daddy's knee, and Mrs. Roy; back row, the twins, François and Helene, 5; Manique, 8, Giselle, 10, Lise, 6, Marcel, 19, Jean-Paul, 17, Bernard, 11, and Gilles, 20. The Roys live in Chelmsford where the boys do a thriving bait business in the shed behind their home.



IRON ORE PLANT: From the Iron Ore Plant we have Al Belfry, his wife Anne, son Allan who was 14 on May 19, Judith, 10, Jimmy, 6, and Cathy, 5. Al's father Elwood is an Inco pensioner, as also is Mrs. Belfry's father, Vaino Marttinen, Al is an operator in the pelfetizing plant.



CREIGHTON: Here are Mr. and Mrs. George Syvokas of Creighton with 19-year-old Mary Lou, who is in training as a nurse in Svelbury, and 22-year-old Jerry who has returned to school after working for a time at Creighton. George works at na. 3 shoft and has been at Creighton since 1936.







A "DEED" to an old electric sharel, couched in flowing legal prose and liberally laced with its ands and buts, sparked a lot of fun when it was presented to Bert Smiley by mines superintendent John McCreedy. Assistant general manager Jock Figam (right front) spake for the Campony in lauding Mr. Smiley's autstanding recard as mechanical superintendent of mines. At the left are assistants to the mines

mechanical superintendent, Jack Dawson and Buster Dyck, the latter master of ceremonies. On the right Mr. Smiley admires the beautiful working model of an underground crusher presented to him by Murray Kilby of Fraod on behalf of the men of the mines mechanical department.





AMONG THOSE PRESENT: (1) R. G. Dow, Alex Godfrey, Alon Harcourt, Alon Cameron; (2) R. Valade, Fred Seauchamp, Tany Kruk, Vic Nissila.







(1) Jim Miles and Jim Fergusan; (2) Ollie Lampinen, Bab Lambert, Cliff Belanger; (3) Reg Moore, Walter Dydyck.



Romono Cossio, Chick Cecchetto, Guida Talevi, Lindo Cecchetto, Armaldo Cecchetto, Wolter Quaiattini, Eddie Cecchetta.



## 400 Did Honor To R. L. Smiley

The men of the Inco mines mechanical department turned out a robust representation to bid farewell to their retiring superintendent, Rupert L. (Bert) Smiley at a banquet in the Copper Cliff Italian Hall. Friends and colleagues from other sections of the operations swelled the gathering to 400.

They honored a man who for over 20 years had given his department quletly outstanding leadership in installing and servicing the regiment of huge hoists, crushers, slushers, shovels, and other vitally important equipment of modern mining.

He was responsible for many ingenious improvements to boost efficiency, or to make a major repair job simpler and faster, or to improve the safety factor, and manufacturers built his ideas into their new models.

He always asked for a high standard of workmanship, and this his men gave him.

He read widely to keep abreast of the latest developments in mining equipment and maintenance, making this almost a hobby, and often during his career it paid off invaluably.

Now, an exceptionally youthful



ABOVE: Harold Borland, Norman Wadge, Bruce Seli. LEFT, part of the long lineup of Bert Smiley's well-wishers, Jim Smith, Ramea Chatelaine, Gardan Ruston, Tom Mullen, Lou Loucke, Eric May, Bob MacDonald; seated at right is Korl McInnach. BELOW, George Carley, pensioner, Mike Draka of Oshawa, Bob Seawright, George Stalker.



### School Room Stope

To learn about mining the enterprising pupils of grades 3 and 4 at St. Raphael School, New Sudbury, set up a stoping operation right in their classroom. Led by their teacher, Ron Rheault, who was a vacation employee underground at Creighton. they built a square set and manned it with a driller operating a wooden airleg drill, made a slusher

hoist out of a nail keg, and then formed a scraper from a piece of old sheet metal. A display of miner's wearing apparel and battery lamp, and their own drawings of mining procedures, round out the clever and effective presentation. Shown above with their model stope are members of the two grades whose fathers are miners: on the left.

Jo-ann Gribbon, Michele Fajcz, Berta Zoratta, Robert Boutot, Jimmy Barbra; on the right, Barbara Richer and Irene Kesek; standing with Mr. Rheault, Gerry and Teddy Vandenberg, Dennis Dubreuil, Mike Fajcz. There are about 40 pupils in the two grades.

65. he welcomes retirement because it will give him a chance to work up some ideas for new mining refinements he hasn't had time to tinker with. "It has all been wonderfully interesting," he said, "and I've enjoyed every minute of it, but I'm not through yet by any means. No rocking chair for me."

Born on a farm near Shawville, P.Q., where he attended high school, Bert Smiley got his first job at Renfrew in 1918 as a mechanic in a machine shop. He went with Hydro on construction, and worked on the big development at Niagara Palla, then in 1925 hooked up with Praser-Brace Construction and during the next 10 years superintended such jobs as additions to the Port Colborne refinery, a new sintering plant at Coniston, rebuilding the dam at Wabageshik, renovations at Creighton 3 shaft, and additions to the coal plant and concentrator at Copper Cliff.

In 1937 he joined Inco and was sent to Ormiston, Sask., as superintendent of the Horseshoe Lake Mining Company, which produced sodium sulphate for the Orford process at Copper Cliff. There he completely redesigned the plant and put it on a paying basis.

Eventually the Orford process was supplanted, sodium sulphate was no longer required for coppernickel separation, and the Ormiston plant was sold. Mr. Smiley returned to Copper Cliff in 1942 to become assistant master mechanic of mines. In 1956 he succeeded J. C. Ferguson in charge of the department.

Mr. Smiley was married at Ottawa in 1933 to Hermonie Cobb. Their daughter Mary, a graduate of McGell University in home economics, has recently joined the teaching staff of Copper Cliff High School, which she attended as a student.

Mr. and Mrs. Smiley are planning extensive travels, during which he will give full play to his flair for color photography. They will live at their summer place at Black Lake, and in Sudbury.

### Armand Brignolio

Armand Brignolio, who worked at Coniston smelter since 1934, has retired on a disability pension. His parents settled in Coniston back in 1917 after moving from Victoria Mines where Armand was born in 1912.

Armand recalled that the Coniston of his early youth consisted of a few houses, a store, and the school. "Unless you had a horse and rig you walked to Sudbury," he said, "and we didn't own a horse." There were no buses, few cars, and only one road.



Mr. and Mrs Brignollo

During his years at the Coniston smelter he worked in several departments; he was a skimmer the last couple of years.

Elda Duhaime became his wife | nothing to say.

in 1936. Their eldest son Geno works at Levack while daughters Joan (Mrs. L. Sarazin) of Sudbury, Diane (Mrs. G. Blanchette) of Capreol, Doris and youngest son Richard at home round out the family. Their four grandchildren are, in Mrs. Brignollo's words, "like pieces of gold." "And Armand just worships them," she added.

Armand hopes to do some work on the grounds around his comfortable Coniston home this summer and next winter he plans on getting a part-time job. "I'm still a young man," he said.

A person can add to his popularity by saying nothing when he has nothing to say.

### Levack and Murray Mines Win Awards for High Safety Achievement





Mine superintendent Vern Ritzel and safety engineer Bill Collis, Levack, and mine superintendent Harry Smith and safety engineer John Rickaby, Murray, are shown with the National Safety Council awards wan by their mines in 1962.

Inco underground mines again in 1962 participated in the National Safety Council's continent-wide campaign to reduce accidents from falls of ground.

Each mine competed against its own 1961 record, and could win the Council's award only by bettering, during 1962, its 1961 record by 50°1 or more.

Inco's five entries combined came up with a frequency of 31 lost-time accidents per million hours worked for 1962, a clear gain of more than 100% over 1961, but only Murray with a year free of accidents from falls of ground, and Levack with one accident against four for 1961.

showed the necessary improvement in 1962 to qualify for awards.

"It is indeed gratifying to record that our mines operated from July 9, 1958 to January 17, 1963, four and a half years, without a fatality from falls of ground," commented Safety superintendent M. E. Young



HEAD TABLE GUESTS at Llayd Martin's retirement Frood-Stobie chief electrician; standing, dinner in Sudbury Legion Memorial Hall were: seated, Hardy, who presented the guest of honor with a pre-R. R. Saddington, manager of reduction works, who cisely machined model of a mine locomotive (seen on expressed the Company's appreciation of Lloyd's table); George Blackmore, Frood electrical pensioner valuable services; the guest of honor himself; Orville S. J. Sheehan, Frood-Stobie mine superintendent; A. F. Dunsmore, master of ceremonies; A. E. Prince, Inco Beach, Frood-Stobie chief electrician; James Kuzniar, electrical superintendent; Stuart MacKenzie, retired assistant to the electrical superintendent.

### Lloyd Martin

A new Inco pensioner, Lloyd Martin of the Prood electrical shop, has two unique distinctions. He is one of the youngest looking 65year- olds to face the Triangle camera for some time and also, up to his retirement, was the longestservice active hourly-rated employee in the Company's Canadian operations, 48 years on the job.

Lloyd joined Inco at Copper Cliff in 1915 and worked in the smelter and the transportation departments until 1926, when he joined the electricians. Sent to Frood in 1927, just after no. 3 shaft was sunk, he took part in the great underground electrical installations at that mine

underground worked on maintenance until 1943, spent a few

years helping keep old no. 2 crushing plant operative, then moved into the electrical shop where his forte was the refurbishing of ailing underground locomotives.

Lloyd's father



William was also an Inco pensioner;

retired in 1934 and died in 1940. The Martin family moved from Warren to Copper Cliff in 1902 and Lloyd started with the Company when he was 17. "Warren was a real Orangeman's town in those early he grinned.

"Percy Smith was my first boss at Prood." Lloyd recalled, "and of the old gang that worked there then, only Orville Dunsmore and George Hardy are still active."
It was while driving jitney for

the transportation department that Lloyd had one of his most exciting experiences. He was the driver that day in 1924 when would-be robbers tried to blast the jitney, carrying the paymaster and \$30,000 in cash. off the road between Creighton and O'Donnell "We were pretty lucky."

agreed Lloyd. "Nobody was hurt, the car wasn't knocked over, and we made it to O'Donnell."

He married Daisy Thorburn of Gore Bay in 1936. Their daughter Kathleen is married to Harold Johnston, son of another veteran Inco man, Hilliard Johnston, A. very young granddaughter gives the Martins much pleasure.

Lloyd enjoys puttering around his car and other machinery and spends many a pleasant hour doing just that.

The Martins plan to move to southern Ontario this summer. Wherever this couple decide to set up their retirement living, the best wishes of a host of friends will be with them.

Klen Zelenys

Born 65 years ago in what is now part of Russia, Klen Zelenys came straight to Sudbury back in 1927. "There were people from my village here," he said, "but they couldn't get me a job." The fol-lowing year he got on at Levack and worked there for nearly two



During the depression years he found odd jobs in many places. 'I worked with Hanwell the contractor at Jerome Mines for quite time," sai said Klen. He also recalled how he was out of work for many

months too.

In 1942 he started at the Copper Cliff smelter and worked on the copper reverbs until his retirement on service pension. He was a fettler and a conveyorman.

His family have all remained in the old land — his wife, Horpens Nofrina, whom he married in 1918, a married daughter Annie, and two grandchildren. A son Alex was killed in the last war.

A comfortable home in Sudbury plus a good sized garden help keep this pensioner occupied and happy.



### Riding Ranch Realizes Life-Long Ambition for Nayman Fawcett

The boys in the transportation department might have difficulty in recognizing the Western gent pictured above as the conductor on the Prood-Stobie yard locomotive.

Sure enough, beneath that broad sombrero proudly stands Nayman Fawcett, happily indulging in a hobby that has been his life-long ambition.

"My father was a cattle buyer out of Parry Sound," said Nayman, and he always had good driving horses. My brother and I learned to ride when we were kids and ever since I've wanted horses of my own."

A few years back he purchased 25-acre ranch on Highway 69 South at the Wanup road turnoff. and after clearing and flxing it up

to his liking, bought seven riding horses and a couple of ponies. Now he is contentedly busy evenings and weekends working with his horses and introducing aspiring equestrians to the spiritual joys and muscular sorrows of horseback riding.

Regular visitors at Fawcett's farm include several Inco people. Pictured above are two charming members of the Copper Cliff general office staff ready for a Sunday canter. Astride Lady Grey on the left is Lynn Gladstone of the geological department, while on the right executive secretary Brenda Morris looks at home on a spirited 4-year old black, Darky.

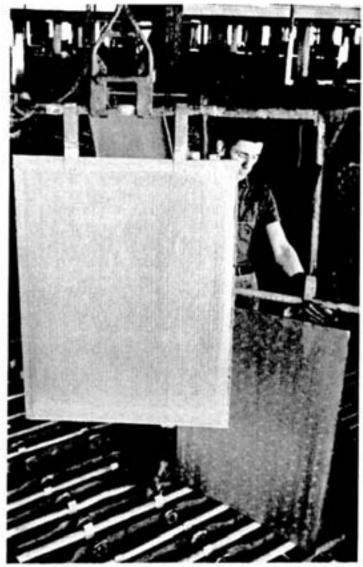
For those who like to run their horses Nayman has cleared a 15acre field, and he also has a two mile bush trail over which he takes riding parties. "We sometimes take them on a longer ride on the old road to Dill," he said.

A good riding horse is worth around \$200, Nayman stated and it costs about another \$100 to equip it. Fuel - hay, grain, etc. - runs close to \$75 a head annually, he

said.

Nayman's two sons, Clyde (Iron Ore Plant) and Dalton (Copper Cliff) along with son-in-law George Sullivan (Frood), help out at the ranch as do several of his 16 grandchildren who enjoy the use of the ponies.

An Inco man since 1935, Nayman knows exactly how he'll spend his time when he retires, and he'll enjoy every moment of it!



The S symbol of the new SD nickel is grown into the starting sheets at the Port Colborne refinery from imprinted stainless steel blanks. Theodore Robert is about to insert a starting sheet in a plating tank, replacing a full-grown nickel cathode on the surface of which the S symbol can be clearly seen.



Ted Gravelle is capping a 500pound steel drum of 5D nickel.

## Latest Product SD Nickel Big Boon to Plating

SD nickel, a new Inco product exclusively for use by the electroplating trade, is coming off the production line at the Port Colborne plant.

This new electrolytically refined nickel, containing a small but important amount of sulphur, has significantly greater electrochemical activity than the regular grade of electrolytically refined nickel. This unique property makes it ideally suited for use in baskets, or other containers of special design, as a nickel-plating material.

Developed in Canada by Inco and produced under Canadian patents. SD nickel has been termed a "revolutionary" boon to the nickel-plating industry.

K. H. J. Clarke, manager of the Company's Canadian sales and market development, Toronto, told the Triangle that 8D nickel is superior for electroplating in its characteristic smooth uniform corrosion, as compared with the



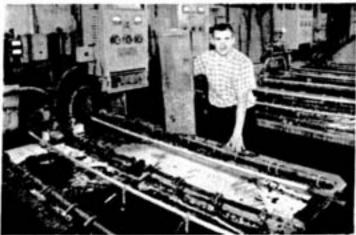
As they tumble off the shear conveyor belt the little rectangles of SD nickel are screened before packing to remove any slivers or chaff, assuring a clean as well as a pure product. Seen carefully performing this operation are John Vittore, Idaco Gervasio, and Steve Gizmar.

spongy corrosion characteristic of the regular grade of nickel when used in this operation. "SD nickel has additional advantages of high anode efficiency and will operate with lower tank voltage," he said. "Also it is fully active in all types of nickel-plating solutions including chloride-free, all-sulphate, and sulfamate plating baths."

The most common form in which SD nickel is used is in pieces 1 inch by 2 inches by % inch.

Another development of keen interest to the electroplating trade, coinciding with the introduction of Inco's SD nickel, was the announcement of a new nickel plating process by two Canadian firms, Atlas Titanium Limited, Welland, and W. W. Wells Limited, Scarborough.

The new method consists of using (Continued on Page 8)



em Bochsler

Bob Kuntz, famed fullback now with the Hamilton Tiger-Cats, holds one of the titanium baskets developed by Atlas Titanium Limited for a new nickel-plating process using small pieces of electrolytic nickel. SD nickel and the titanium expanded metal basket are hailed as great advances in the electroplating industry. The picture was taken in the manual plant of Kuntz Electroplating Limited, Kitchener.

### Everybody Happy with Joe Hughes in Charge at Mixed League's Banquet



Silver-tangued Joe Hughes was again on the job as master of ceremonies when the Inco Club mixed bowling league held its annual banquet in Sudbury's Legion Memorial Hall, and smoothly conducted the bestowal of a glittering array of booty on the season's select. Winners of the Stan Dobson trophy for the league championship are



shown on the left above with the donor: Doug and Mary Malloy, John Killah and Viv Kivi, Fern and Betty Dionne, and John and Jackie Luptak. On the right Eldred Dickie poses with the "A" section playoff victors who won his trophy: Bill and Lucy Demkiw, Frank and Betty Tofe, Stan and Ingrid Dobson, Percy Dowse and Flo Robinson.

#### John Nayda

John Nayda has retired from the Copper Refinery. The last 10 years he had worked in the silver building there and previously in the tankhouse.



Inco in 1942. A dozen years earlier he was in Sudbury but with the depression at its couldn't get a job. Born in Austria 60 years ago be came to Canada in 1927 and worked on railroad, farm and in the bush until 1942.

He came to

Still single, John is by no means a confirmed bachelor, and readily admits that marriage is more than a possibility --more time." I "now that I have He says he would probably have been married long ago if it hadn't been for lack of work in the Thirties.

John has moved to Winnipeg where he has many friends, and now that he has plenty of time. may make that trip back to his native land.

Recently he was one of nine Copper Refinery pensioners who were honored at a big party held in the Caruso Club in Sudbury.

#### OFF HIS FEED

Said the cannibal to the witch doctor. "Something's wrong with my kid, doc. He won't eat any-



Norman Creet presented his trophy to the "B" section playoff winners, with whom he is shown here: Murray and Veronica Fraser, Bill and Grace Millar, Arnold and Corrie McGowan, and Mike and Olga Hubiak.

Individual stars of the league, shown here, were Ingrid Dobson, ladies' high triple (910) and high single (352); Percy Dowse, men's high average (220); Viv Kivi, ladies' high overage (208); Spike Boal, men's high triple (915) and high single (378).



Ninety attended the presentation banquet, which was followed by dancing.

Creighton Teen-Agers Creighton's teen-agers wound up another successful season in style Enjoyed Fine Season with an archestra dance at the Employees Club. Trophies and prizes were presented to the group's bowling champs, Leo Pevato acting as master of ceremonies. Mrs. Olga Tokaryk, the popular club stewardess, received a gift from the group in appreciation of her interest in their regular Friday night dances and Saturday bowling league. About 100 attended.

### SD Nickel

(Continued from Page 7)

small squares of electrolytic nickel in special titanium basket contain-

The expanded metal baskets offer a larger constant anode area. which serves to cut nickel salt consumption rates, and also result in a much cleaner method of plating.

Titanium is used for the basket containers because of its unique qualities. It is the only metal that will properly convey the current freely and directly to the electrolytic nickel it is in contact with but discharges no current into the surrounding bath. The titanium basket containers are also impervious to corrosion from any type of nickel bath with the exception of fluoborate baths



### Dad-and-Lad Banquet Happy Hockey Finale at Coniston

A father-and-son banquet and trophy presentation night wound up the 16th successful season for the Coniston Legion's miner hockey league. Proudly surrounding the league's most illustrious graduate, Noel Price, in the above picture are some of the boys who played in last season's three-team loop. Speaking briefly to the boys at the banquet, Noel stressed the need of an education in today's world but pointed out it was possible to combine this with a hockey career.

Coniston Legion president Jim Packer is shown in the back lefthand corner beside Legion sports officer Felix Benoit; on the right are the three coaches, Wayne Halverson, Jimmy Evershed and Allan Zanatta. Maple Leafs, Red Wings and Black Hawks were the competing teams with the Leafs winning the league and the William McLaughlin trophy. Gary Gosselin earned the Dunc Finlayson most-gentlemanly-player award, and Jimmy Sartor the Armand Lemieux most-valuable-player award; the best goaltender award presented by the Legion went to Rene Charette, and John Comin won the Noel Price trophy for the best defencement.

### Ross Winger

Ross Winger was waited on by "a delegation of his peers" when Charlie Bridges, superintendent of the yard and shipping department at Port Colborne, presented him with a gift of legal tender on the occasion of his retirement from Inco after 32 years' service.

Ross was born in Hagerville in 1905. He was employed as a crane-



Mr. and Mrs. Winger.

man in the Copper Refinery at Copper Cliff in 1930. Seven years of credited service later he was transferred to Port Colborne where he joined the shearing and shipping department and has performed all the duties from weigher to foreman.

He was a much respected man. His early retirement has been prompted by a bronchial disorder and arthritis.

Ross married Eleanor Richards in 1925. They have three daughters and one son: Ruth (Mrs. Robert Webb); Vera, the wife of Louis Snider, an Incotte with 12 years' service in the Refinery; Joan, at home, and John, an employee of the Crystal Dairy. They have four grandchildren.

Charite Bridges in commenting on Ross's faithful service expressed the thanks of the management and the wish of all that he and Mrs. Winger would long enjoy their retirement with added improvement in health.

#### Rene Rivet

"I quit school and started to work when I was 13 years old," explained Rene Rivet. "Maybe that's why I'm on disability pension today." He had worked at the Copper Refinery since 1946 and was pensioned in March of this year.

"I helped build St. Anne de Brebeuf church in Sudbury," said Rene in talking about his first job.



Mr. and Mrs. Rivet

Later, in 1934, he started to work at Creighton but soon moved over to Frood. He quit there in 1935 and returned to construction. In the ensuing years, between diamond drilling jobs in many parts of the country, he also put in about five years on the converters at Copper

Rene was born at Aylmer, Quebec in 1915. He married Laura Souliere in 1938. They have two grown sons, Ronald and Larry; a daughter, Rose-Marie (Mrs. M. Nault), and a 6-year old son Denis, all of Sudbury. The Rivets are very proud of their one granddaughter.

Rene is rather bored with his enforced idleness but hopes to spend the summer at his sister's camp on the Vermillion River. "At least I'll get in a little fishing," he said, "and lots of sunshine."

#### Tail-Enders Last Year, Levack Win Inco Title



Winner of Inco's inter-club bowling title was this Levack team who rolled a sharp 5670 to top last year's champ Creighton quintet by almost 200 pins and take the trophy. Last season Levack finished in the bottom slot. Team members pictured here are Gaylord Cull, Murray Crane, Fred Fiorotto, Alex Didur, and John Mihajic. Other scores in the six-team playoff at the Sudbury Inco Club were: Creighton, 5478, Copper Cliff, 5330, Garson, 5267, Frood, 5203, and Copper Refinery, 4601. John McKinnon of Garson rolled 1270 to take the high five-game award.

Retiring on pension from the Coniston smelter, Fred Spencer leaves the Company in good hands — six of his nine sons are Inco men. Here they are with their parents: Leionel (Coniston corpenter shop), Aldege (Levack underground), Len (Copper Cliff mechanical), Robert (Copper Cliff metallurgical), Roly (Copper Cliff car shop), Wilbert (Copper Cliff electrical). Fred and his sons have a combined total of more than 140 years of Inco service.



## Fred Spencer

Pred Spencer is a proud and happy man - proud of his fine large family, proud of his long association with Inco, and happy that six of his nine sons are also Inco men.

Among the longest service employees at Coniston, Fred is now enjoying a pension. Only dark cloud in his otherwise bright sky is the heart attack his wife suffered last month. However, as Mrs. Spencer philosophically pointed out, "Fred is a good nurse and it is nice that he is on pension now to help me.

A native of Calumet Island, Fred was raised in the Warren-Verner area. His first job away from home

was in 1911 at Sudbury. "I was 13 years old then." Fred said, "and I got a job as cookee with a C.P.R. extra gang." He later worked at Martin's brickyard in what is now known as Little Britain and after that at the local flour mill.

"That was a busy place then," he recalled. "Each of those silos held 65 cars of wheat and they were full most of the time. The mill itself was a big, seven-storey plant, and really turned out the

Fred served two years in the army, then returned to the flour mill in 1919 where, after a fire and other tribulations, the plant was closed down. "And I helped close her down," he grinned. The next couple of years he spent in the

bush and working for Delongchamp Cartage, then in 1922 he started at Coniston.

"I've been a craneman since 1925," said this new pensioner, "and I've seen lots of improvements. The equipment is much better today. I liked the work and would do it again if I had the chance.

Mrs. Spencer was formerly Mary Anne Grimard and they were married in 1919. In addition to their six sons pictured with their parents they have three more sons, Ronald of Winnipeg, Andy and Roger at home, and three daughters, Evelyne, who has nine children of her own and whose husband Frank Brady is in the electrical department at Copper Cliff. Adrienne (Mrs. M. Rajotte) of Winnipeg, and Janette (Mrs. G. Puller) of Hamil-ton. A total of 32 grandchildren and two great grandchildren round out this happy clan. One grandson. Ted Brady, works for the Company at Thompson.

The Spencers have lived in Coniston over 40 years but this summer will probably move to Stinson where they plan to build a new

Hunting, fishing and curting are among Fred's pleasure pursuits but the greatest joy to both him and his wife is their family. have been good boys," said Fred,
"even if I do say so myself." Mrs.
Spencer echoed, "That's right, they
have never given us one bit of
trouble, and we're very proud of
our daughters too."

A piece family indeed. "They

A nice family indeed are the Spencers as anyone who has met and known them will agree.

#### ON THE CREDIT SIDE

Husband to wife after daughter's wedding:

"Don't feel we have lost a daughter. Consider that we have gained a bathroom and a telephone.



Mr. and Mrs. Gualtieri were visited at their home in Sudbury by a delegation of Vincenzo's coal plant workmates and presented with a purse of money as an expression of esteem and friendship. Shown above with them are "Kilroy" Gladu, Sabino Romani, "Winnie" Romagna, and the Gualtieris' son-in-law, Frank Guzzo, of the Copper Refinery.

### Lt.-Col. Capstick Retires as Commanding Officer

Witnessed by a crowd of some 3,000 at the New Sudbury Shopping Centre was the colorful change of command ceremony and annual inspection parade of the 58th (Sudbury) Field Artillery Regiment (M). About 500 militiamen and cadets took part in the march past.

Picture shows Brigadier J. Westhead, commander of 16 Militia Group, presenting the commanding officer's sword to Lt.-Col. Anthony Faizetta; on the right is Lt.-Col. E. H. Capstick of Copper Cliff. retiring commanding officer.

For the first time in the history of the Sudbury garrison, the regiment's gun, also known as its colors, was drawn across the parade ground in front of the retiring commander in tribute to his fine service.

On behalf of the garrison officers, who also honored Lt.-Col. Capstick at a dinner, Maj. E. C. Harber, commanding officer of 33rd Technical Senadron RECME (M) and 2nd Ltd. Richard Behnka presented the retiring commander with a personal sword.

### Vincenzo Gualtieri

A familiar face at the coal plant, where he was custodian of the gate the past seven years. Vincenzo Gualtieri has retired on service pension. Before moving to the coal plant he was on the nickel reverbs for 19 years.

It was in 1919 that he first worked at Copper Cliff but he returned to his native Italy in 1921. Many jobs and many years later. 1937 to be exact, he returned to the fold at the Cliff.

Arriving in Canada in 1914 he worked on the railroad out of North Bay and underground at Cobalt before going to Copper Cliff. His return to Italy netted

him two years in the army, three years on the farm, and a wife; he married Julia Cerenzia in 1923.

Returning to Canada in 1926 he worked at Rouyn, helped build a power plant in Quebec, was two years with a railroad extra gang. then on construction at Copper

The Gualtieris have one son, Gaetano of Sudbury, and a daugh-Guzzo works at the Copper Reter Clorinda, whose husband Frank finery. Vincenzo and his wife enjoy their six grandchildren very much.

A trip to the Argentine, where he has relatives, is on this pen-sioner's agenda for 1964. Meanwhile he is busy outdoors in his carden.



A continuing upswing in the calibre of Levack-Onaping A continuing upswing in the calibre of musicianship was noted at the fourth Festival Success annual Levack-Onaping Music Festival by the adjudicator, Lloyd G. Queen,

assistant director of music with the Ontario Department of Education, Toronto. He praised the contestants for their interest, spirit, and talent, and spoke of the fine community effort represented by the

festival, which was sponsored by the Lions Club. A Festival Highlights concert held in the Onaping Community Centre drew a capacity audience. Performing above is the children's chair from Immaculate Conception School, Chelmsford, directed by Mrs. Andreanne Mainville, which for the second year in succession won the DeMarco trophy in the Grades 1-4 class.

### Geza Halinda

When Geza Halinda arrived in Canada in 1928 from Hungary he went west to the foothills of the Rockies to help harvest the wheat

Geza returned east in 1929 and married Mary Farkas in Port Colborne. The big depression of the 30's was on the way and like most people the Halindas had a hard time finding employment. Geza with his jovial personality and willing co-operative spirit got by the dull times and started with



Mr. and Mrs. Halinda

Inco in 1935; his first job was picking up nickel behind the shears in no. 5 building.

He was transferred to the box floor and moved from making boxes on the table to machine man. patching and hemming the various fabrics. He was industrious, diligent in his duties, and pleasant in his attitude towards his fellow workers and his job.

Mr. and Mrs. Halinda have five sons Louis and Geza are employed by Robin Hood Milling Co.: Julius is an Incoite and works in no. 5 building; Joe is in the sawmill business in Vancouver and Steve is an announcer in Port Arthur and a qualified technician in radio and television.

At a gathering of workmates and management Geza was presented with a wallet as a token of respect from his many friends over the years. James H. Walter, assistant manager, thanked him for his 28 years' faithful service to Inco and wished him and Mrs. Halinda a long, happy retired life.

Geza enjoys fishing and gardening. The tidy lawn and well kept flower border around his home vouch for his "green thumb". Another enjoyment of the Halindas is their 10 grandchildren.

#### Harry Sawchuk

Because of a bronchial condition Harry Sawchuck has taken his doctor's advice to take things in a more leisurely stride than was possible when working full time, as he has done for the past 31 years.

Harry was born in Rumania and came to Canada in 1928. He started work with Inco in the electrolytic department at Port Colborne and has been a competent employee as unit man with a watchful eye for the minor irregularities which can pop up in the complex operation of plating nickel.

In 1933 Harry married Vera Ealaschuck. Their two sons both set their ambition to be high school



Mr. and Mrs. Sawehuck

teachers. William is at present teaching in Welland High, and Harold has just received his B.A. from Western University in physical education.

With complete relaxation and leisure Harry is improving in health and it is the hope of all his friends that he and Mrs. Sawchuck will long enjoy their lovely home and grounds for many, many years.



Highest mark of the festival, a 90, was scored by young vocalist Terry Dupuis of Levack; the piano accordion trophy was won by Brenda Burton of Cartier, who received 87 marks. They are shown with Donald MacLean, festival chairman.



Just glancing over the concert program, celebrity Terry Dupuis found himself surrounded by a bevy of charming young festival performers from Levack and Onaping, Denise Ribson, Jeanette Ross, Mary Jane Jarvis, Isabel Allen, Louise Allen, and Ann Miller.



### President's Visit

President J. Roy Gordon, accompanied by vice-presidents James C. Parlee of Toronto and Albert P.

Gagnebin of New York, visited the Sudbury district operations on June 4 and 5. They remarked on the substantial progress which has been made in various projects, notably the \$50,000,000 extension of the Iron Ore Plant, scheduled to go into full production in July.

Picture shows them with their inspection party in the impressive control room of the new plant. E. G. Stoneman, assistant manager of reduction works; T. M. Gaetz, general manager; Mr. Parlee; E. H. Bracken, superintendent Iron Ore Plant; Mr. Gardon; J. A. Pigott, assistant general manager; D. Kelly, administrative assistant; R. R. Saddington, manager of reduction works; Mr. Gagnebin.

### Alex McCauley

"I spent over 45 years on a farm on the Island (Manitoulin)," declared Alex McCauley, "and it was a pretty good life too. We were right on Lake Manitou and that's great country to hunt and fish."



Mr. and Mrs. McCauley

Retired recently from the Inco police force Alex had worked with them since 1942.

He was married in 1918 to Hanna Monkhouse and they have a son Ray with the Hydro in Toronto. "I once thought he might take over the farm," Alex said, "but when he came back from the army in 1942 and said he didn't want to farm, I sold out and came to Sudbury." Alex himself misses the farm, especially his horses. "I never used a tractor," he said.

Alex served with Inco's police force at Copper Cliff, Coniston, Copper Refinery, Creighton, and the last several years at Murray mine.

A capable hand with many types of tools Alex built his own comfortable home in Sudbury's west end in 1949 and keeps it and his garden in show-class shape at all times. "I enjoy carpenter work and gardening," smiled this happy pensioner, "and this summer I may get me a job on one of the local construction projects."

The McCauleys make regular visits back to the Island to visit friends. As Alex laughingly put it, "we haw-eaters' always go home to hunt and fish."

#### JUST AN APPETIZER

Missionary: "What do you know about religion?"

Cannibal chief: "I got a little taste of it when the last missionary was here." At staff luncheons at the Copper Cliff Club the president stressed the equal importance of production and sales in the Inco organization, and introduced Mr. Gagnebin as "the man directly responsible for selling our nickel". Among those present, right, were assistant transporation



THE FRONT COVER

In this picture, taken in a sink cut at Clarabelle Open Pit, Mine and Market meet as vice-president A. P. Gagnebin, the man who sells the nickel, talks with superintendent of mines J. McCreedy, the man who produces the ore. On the right is open pits superintendent N. R. Creet, who escorted them on their visit to Clarabelle.

A man walked into a cafe in a strange town and told the waltress he wanted two fried eggs and a kind word. The waltress said nothing, but was soon back with the man's order. The man said, "Thanks for the eggs, but how about the kind word?"

The waitress leaned over and whispered, "Don't eat those eggs."

"What is considered the dangerous age?" someone asks. Many consider it the period from birth to death.

Then there was the scientist who crossed a potato with a sponge. It tastes terrible but it sure holds a lot of gravy.



superintendent K. R. Johnson, research group leader A. Illis, senior assistant division comptroller G. E. Burns, chief test engineer G. A. Frame, assistant chief mines engineer E. O. Tigert.



Assistant smelters superintendent F. R. Matte with Mr. Gordon; assistant master mechanic F. G. Burchell with Mr. Gagnebin.



Others attending: converters superintendent J. R. Feick, assistant smelters superintendent L. N. Pearce, assistant industrial relations manager B. K. Seli, industrial standards engineer R. T. McAndrew, Garson mine superintendent B. T. King.



Also among those present: Mr. Gaetz and Mr. Pigott, assistant chief engineer J. E. Quance, Dr. J. H. Sturtridge, safety superintendent M. E. Young.

### Elks Club at Windy Lake Scene of Levack Bowling's Gala Season's Wind-up







Levack's well-organized bowling wound up the season in grand style with the three leagues joining forces to enjoy dancing to Jim Shea's orchestra and a fine buffet supper served by the Elks Ladies Auxiliary at the beautiful new Elks Club on Windy Lake. Presentation of awards was also made and here are the winners in the various leagues.

 Men's league champs, the Pallumbos: front, Hector Lauzon, Alex Didure (captain), Tom Behenna; back, Gordon Smith and Alf Mallette; absent Bill Johnson.  Hardrocks, "A" group winners: front, Stan Zamoski, Eli Maki (captain), Laddie Kavaluk; back, Gaylord Cull, Frank Swiddel; absent, Cliff Roy.

 "B" group winners: front, Paul Thompson, Leo Carriere (captain), Gary Lauzon; back, Roland Watier, Ray Parker; absent, Gerry Piakoski. Individual winners in the men's league were Alex Didur with 235 for high average, Fred Fiorotto with 957 for high triple, and Gaylord Cull, 381 for high single.







 Mixed league champs were the Bombers, John and Armande Donaldson, captain Len Roberts and his wife Jean, Gordon and Bea Smith.

2. "B" group winners in the mixed league were the Mohawks, Naish

and Lorraine Farrow, captain Hector Lauzon and his wife Leona; absent, Ray and Jackie Leblanc.

 The "Jets" were "A" group winners: front row, Stella Wawryszyn, Elizabeth Lahaie (captain), Juanita Taylor; back, Stan Zamjoski, Gaylord Cull, Ray Parker.









- In the ladies' league the "B" group winners were, front, Lena Brizinski (captain) and Greta Koski, back, Opal Law and Annie Unwin; absent, Kay Pashko and Carol Beggs.
- Playoff winners and also winners of "A" group: front, Anne Karpiak, Jane Lefebvre (captain), Bea Mallette; back, Rita Crispin, Theresa Atkinson; obsent, Yolande Bouffard.
- Stella Wawryszyn won high average with 202, while Fern Cameron took both high single (348) and high triple (796).
- Mixed league individual winners: Velma Mallette, high single, (343), Juanita Taylor high average (215), and high triple (852) for the girls; Gaylord Cull, high average (230) and high single (373), and Fred Fiorotto, high triple (824), for the boys.

FESTOONED with power cables, copper contact shoes and water cooling pipes, an electrode is shown here at the point where it enters through the roof of an electric furnace at Thompson. At this stage the "cake" in its steel casing is baked precisely to the furnace's fancy and ready for the 'round-the-clock feast. It's 50 feet tall, 4 feet in diameter, and weighs 20 tons.



HIGH UP in the 127-foot Thompson smelter Dale Paterson is seen filling an added electrode section with chunks of carbon paste, the "mix" that melts and then bakes into a solid cake as it is gradually lowered to the furnace. Jutting above the rim of the steel casing are the fins which add support and conductivity to the electrode.

## Those Lucky Thompson Furnaces -Have Their Cake and Eat It Too

The book says you can't have your cake and est it too, but the electric smelting furnaces at Thompson knock that old theory on the noggin.

They eat cake all day long but never run out of it. The only catch is that they have to do their own baking.

The big carbon electrodes which carry the electric current into the bath are the cake on which the furnaces dine continuously.

Six to a furnace, they are 48 inches in diameter and approximately 50 feet high, and weigh 20 tons each. As they are eaten off at the slag line new sections of casing are welded to the top, like lengths of chimney pipe, and filled with carbon paste which is baked by the furnace heat as the electrode is gradually lowered by the automatic slipping mechanisms.

Unlike the electric furnaces at the Copper Refinery, which are the direct arc type and burn graphite electrodes added in 6-foot sections, the Thompson furnaces are the submerged arc type and quietly do their job without any of the flash or noise set up by their copper melting counterparts.

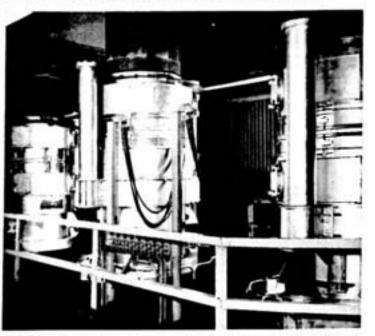
The remote location of Thompson with respect to fuel supply, and the availability of ample hydroelectric power in the area, made electric smelting the procedure of choice. Economics also favored the use of self-baking electrodes. These offered the additional advantages of minimizing operational delays and power interruptions, important from the standpoint of metallurgical results and avoiding fluctuating loads on the power supply system.

There are three furnaces with inside dimensions of 90 feet by 22 feet, with a total height of 13 feet. Calcine charged on top of the slag through fettling pipes in the roof is melted and segregates into matte and slag. The slag is continuously skimmed and the matte tapped as required.

Spaced in line down the centre of the furnace, the six electrodes are submerged about eight inches in the sing layer into which they carry the electric current. Acting as a heating element, the slag transfers heat to the calcine charge, which floats on the surface. Since matte has an appreciably higher conductivity, a substantial



ADDING a section of steel casing to the top of an electrode calls for an expert welding job that will carry the weight of the column and also be highly conductive. Welder is Mike Solunac.



The fork lift truck is fitted with a rotating head. On the right are hydraulically operated slipping mechanisms which hold the 50-foot electrodes and automatically feed them to the furnace as required. There are six to each of the three furnaces.

depth of sing inust be maintained to avoid short circuiting. The reaction with the molten charge, aided by convection and small ares at the electrodes, results in a continuous movement of the molten charge upwards at the electrodes, out to the sidewalls near the surface of the bath, down and in toward the electrodes through the lower part of the bath.

Betty Crocker would hardly care to put her name to the cake mix that arrives at Thompson smelter by the carloud. It's in the form of ou-pound blocks of carbon that are broken into chunks as needed.

First step in adding a section to the top of an electrode is to weld on a 4-foot length of the steel casing which burns away along with the carbon in the furnace, general foreman Art Wrist explained to the Triangle. The welding job is extremely important both for elec-trical contact and for strength, since the full weight of the electrode is held by a clamp some 40 feet above the furnace. Welded longitudinally to the inside of the casing are 10 equi-distant fins which reinforce the electrode and also function as a conductor in the area where the paste is semi-fluid and hence a poor conductor. casing section is then filled with chunks of carbon paste which melts as it is gradually lowered to the furnace, then bakes into a solid carbon post.

The 50-foot 20-ton electrode is held firmly above the furnace by a hydraulically operated clamping mechanism which has a slipping device that automatically feeds the electrode to the furnace as required. The electrode is burned off in the furnace bath at the rate of about three to four inches a day. Automatic slipping makes possible a more gradual baking of the carbon paste, essential for producing a strong dense electrode.

Current flows from the furnace transformer to the electrodes through copper bus bars, flexible cables, water-cooled copper pipes, and eight water-cooled copper contact shoes per electrode. Power is supplied to the furnace transformers at 13,800 volts, and the secondary voltage on delta connection can be varied from 160 to 300 volts in 19 steps through onload tap changers. This refinement minimizes load fluctuations on the power system.

### Bill Fex

A long-time member of the Copper Cliff electrical department,



Mr. and Mrs. Fex

popular Bill Fex has retired on service pension after 40 years with Boys of All Ages, Sizes (and Faces) Dine in Style at Lively



Celebrating a bang-up season in which 200 boys got their fill of well-organized hockey, Lively's minor leaguers held their annual banquet in Pius X church hall. Picture shows some of the 115 young rap-scallions who proved to be just as deft with grub as they are with the puck. Bill Duncan, the Lively Athletic Association minor hockey chairman, and his keen staff of volunteer coaches, can take a bow for an outstanding season's activity.



Eddie Giacomin, brilliant netminder of the Providence Reds, was guest speaker, and Wes McNeice the urbane chairman.

Inco. His service dates from 1923, the year he came out from a bush camp to attend the birth of his son Maurice. He decided then to stay closer to town so got himself a job on the old reverbs at Copper Cliff amelter.

A short time later Bill was with the maintenance electricians, both on the reverbs and converters. "Alex McIntyre had me looking after the converters from no. 1 to 20." he recalled. He later worked as a crane inspector for a couple of years, then went into the winding shop in 1943 and worked there until he was pensioned. Bill was happy there and well regarded.

He was born near Watertown, N.Y. in 1898 but his people moved early in the century to Blind River when the lumber business was booming. During the war years his family farmed near Iron Bridge and Bill joined the army at the Soo.

In 1921 he worked with the line gang at Murray, then helped build several power lines in northern Ontario.

Elovie Campeau became Mrs. Fex in 1921 and in addition to son Maurice their family includes Lucienne, who married Bert Henry of Creighton, Georgette who married another Creightonite, Alphonse Turgeon, and Ray at Yacker Flynn was coach and Jackie Egers captain of Lively bantams who won the Nick Evanshen trophy in the Kiliopps league; Jerry Egers was captain and Johnny Hamilton coach of Lively minor bantams, who won the D. J. Dixon trophy in the Kili-



opps and the John Bazar trophy in the Nickel Belt hookup. Kiliopps league officials were Bob Fairman, Charlie Jacobson, and Gordon Bennett.

Frood. They have nine grandchildren.

The family camp on McParlane

Lake is where this couple intend spending most of their summers now.

### \$640 Suggestion Bonanza for Arthur Mayer



For suggesting that bars be welded to the wear plates in the roaster concentrate bins at Copper Cliff, thus greatly lengthening their life, first class maintenance mechanic Arthur Mayer has received an award of \$640.00. Picture shows reduction works manager R. R. Saddington presenting the big Employees Suggestion Plan cheque to the smiling winner; looking on are assistant master mechanic Fred Burchell, assistant smelter superintendent Norman Pearce, and Suggestion Plan socretary Pat Long. A Chelmsford resident, Art Mayer has a family of four children.



Assistant general manager Harry Peterson explains a phase of the mining sequence to Lord Amory and Mr. Wingate; on the left is Foster Todd, general manager of the Inco Manitoba division.





In charge of the smelter tour was superintendent J. B. McConnell, seen here with Lord Amory. On the right the camera comes up with a good informal shot of two Inco vice-presidents, Parlee of Canada and Childs of the United Kingdom.

### Viscount Amory and T. W. Childs Interested Visitors at Thompson

The Thompson plant, spanking fresh and neat with the good housekeeping that is an Inco hall-mark, proudly played host in early April to the chairman of the board, Henry S. Wingate, the vice-president in charge of Canadian operations, James C. Parlee, and their two distinguished guests, the Rt. Hon. Viscount Amory, G.C.M.G., and T. W. Childs, C.B.E.

Lord Amory is the British High Commissioner in Canada. Mr. Childs has been appointed a vicepresident of Inco and chairman of Inco (Mond) Limited.

Mining, milling, smelting and refining departments of the Thompson operation were all visited at length by the party, which also called at the Inco Hospital and toured the model townsite.

#### LORD AMORY

Lord Amory took up his appointment as British High Commissioner to Canada in the autumn of 1961. He was created a viscount on his resignation as chancellor of the exchequer, an office which he had held since January 1968.

He was educated at Eton and Oxford, and was an officer in the Territorial Army before serving in the Second World War. He took part in the airborne operation at Arnhem where he was severely wounded and taken prisoner.

In 1945 Lord Amory was elected Conservative member of parliament for the Tiverton Division of Devon, which he represented until his elevation to the peerage. He was a member of the government from the time the Conservative party returned to power in the autumn of 1961 until his retirement in 1960.

Lord Amory has held several ministerial appointments.

He was chairman of the council of ministers of the Organization for European Economic Co-operation from 1958 to 1969, and as chancellor of the exchequer, he attended the Commonwealth Economic Conference in Montreal in September 1958.

He is a former director of Imperial Chemical Industries and of the Steel Company of Wales, and was vice-chairman of Lloyd's Bank. Industrial relations are the aspect of business which perhaps interest him most.

Lord Amory has been active in various youth movements and has long been associated with the Boy Scouts in which movement he has been for many years a Chief Scouts Commissioner.

On completion in October of his term of office as High Commissioner to Canada, a post he has illed with distinction, he will be succeeded by Sir Henry Lintott, K.C.M.B.

#### T. W. CHILDS

Thomas Warren Childs, C.B.E., of Bermuda, has been appointed a vice-president of The International Nickel Company of Canada,



Underground superintendent Ed McIvor gives Mr. Childs a quick rundown of stoping procedure during their tour of the underground operations.



There was time to talk a little business too. Here Messrs. Parlee, Wingate and Todd inspect a carload of Thompson nickel.

Limited, Henry S. Wingate, chairman of the board, announced in London on May 24. At the same time, Mr. Wingate announced that Mr. Childs has been appointed chairman of The International Nickel Company (Mond) Limited, United Kingdom affiliate of International Nickel.

He is a director of American Metal Climax, Inc. and was vicepresident of that company and president of its potash division.

From 1940 to 1945 Mr. Childs acted as general counsel to the British Supply Council in North America and to the British Government War Supply Organizations in the United States. He was particularly active in the inauguration and handling of Lend-Lease for the British. For these services to Britain he was made a Com-

mander of the Order of the British Empire in 1944.

Mr. Childs was at Oxford 1928-31
(B.A. 1930 and B.C.L. and M.A. 1938). He also holds degrees from Princeton (B.Sc., Eng.), and Yale (J.S.D.) Universities. He will reside in London.

#### NOW SHE KNOWS

The first morning after the honeymoon, the husband got up early, went down to the kitchen and brought his wife her breakfast in bed. Naturally, she was delighted. Then her husband spoke:

"Have you noticed just what I have done?"

"Of course, dear, every single detail."

"Good. That's the way I want my breakfast served every morning after this."

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