

# INCO TRIANGLE

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50 Years of Community Service  
(Story on Page 4)





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## Tony Smythe

Having time on his hands is nothing new to service pensioner Tony Smythe, who for the past 25 years has had the job of keeping Inco's Sudbury area clocks on time and in top condition. He worked for Inco for nearly 37 years, always cheerful and ready to be of help.

Born Tony Ellis in Columbus, Ontario, in 1902, he lost his parents when he was five, and spent the next seven years in a Toronto orphanage. Adopted by the Smythes in 1914, Tony remained in Toronto, and in 1917 set to work with the Great Northwestern Telegraph Company to operate an



Mr. and Mrs. Smythe

Addressograph machine. The Smythes were a musical family, and Tony became a whiz on the saxophone. During the following years he travelled both Canada and the States working as a mechanic by day and in a dance band by night.

He returned to Toronto, to the Addressograph Company as a repairman in 1930, met and married Edna Buisson of Waters Township the same year, liked the look of the Sudbury area, and joined the Company at the Copper Cliff smelter reverber building.

"Those were the first honest days of toil in my life", confessed Tony. "In four weeks I lost 34 pounds of flab."

It was in 1939 that he was moved to the general office stencil room as machine doctor. Having shown his special aptitude, he was sent to the I.B.M. Company in Toronto in 1942, on a three-week electric time clock repair course, and returned to look after the Company's 80-odd punch clocks and timepieces.

"In the early days it used to take me two and a half days to tear down, clean, oil and re-assemble a time clock," said Tony. "I've done so many that now I can do the same job in about five hours."

Tony and Mrs. Smythe have brought up a family of two. Raymond is a tailings dam man at

## Mrs. Wilson's Centennial Quilt



"I am proud of being a Canadian," said Mrs. Mona Wilson of 45 Dell Street, Sudbury. "I wanted to have some little Centennial project all my own, so I decided to make a quilt." And what a quilt it is, with the Canadian flag, the coats of arms of the provinces and territories, and clusters of maple leaves, arranged in an attractive layout and all beautifully hand-colored in washable oil paint. "Then I put Inco right there in the middle, because Inco has done a lot for us and for everybody else in the Sudbury district. My husband Ed has worked at Creighton mine for over 20 years, and we have been very happy." But now Mrs. Wilson has a problem it may take the wisdom of a Mrs. Solomon to solve. "When I was making my quilt I thought it would be nice for my daughter to have it some day," she said. But which daughter — she has two!

the Copper Cliff mill, and Patsy is the wife of the field engineering department's Tom Hambley.

At their comfortable summer camp at McFarlane Lake, Tony is already getting restless for his tools and his tinkering. "I have a shed on the lot," said he. "I think maybe I'll just rig it out as a fix-it shop and go to work for myself."

## Tony Podhajni

Tony Podhajni started at the Coniston smelter just two pay cheques before the merger of the Mond Nickel Company and Inco in 1929. He has retired on service pension after more than 33 years with the Company.

Born a farmer's son in Rudanci, West Ukraine, in 1902, Tony came to Canada and a farm at Lipton, Saskatchewan in 1927. The going rate for a farmhand at that time was \$240 a year and all found, not exactly the sort of pay that builds bank accounts, so after two years learn-

ing the language, Tony headed east to seek his fortune in the Sudbury area. Two years at Coniston were followed by idle depression time in Toronto, but he returned to the smelter as a tapper in 1933. He has worked on the scrap gang since 1964.

With many of his longtime friends now living in Toronto, Tony plans to settle there and enjoy the big city life for a change.

## Lawrence Peaire

Popular Lawrence Peaire, who went on service retirement in April, was born in Hamilton in 1902, and was engaged in farming prior to



Mr. and Mrs. Peaire

joining the nickel refinery in Port Colborne in 1941. His entire time at Inco was worked in the yard and shipping areas, his last job being truck driver.

Lawrence married Kathryn Clark in 1926. Their three sons are

Edward, in Burlington, Robert, in Grimsby, and James, in Centralia. They have four granddaughters and two grandsons.

Mixed farming will now occupy Lawrence's time entirely. His 100-acre farm near Wellandport has been in the family on the Clark side for five generations and has been designated a Century farm, a distinction awarded farming properties that have been in the same family for more than 100 years.

Presented with a purse of money by the yard welfare group, Lawrence was thanked by superintendent Charles Bridges on behalf of the Company for the "exceptionally good and dependable service" he rendered over the years.

## High Honor for Inco's Chairman

Henry S. Wingate, chairman and chief officer, The International Nickel Company of Canada, Limited, has been selected to receive the Palladium Medal of the American Section of the Société de Chimie Industrielle, Inc. The announcement of the award for 1967 was made by Dr. W. George Parks, chairman of the department of chemistry, University of Rhode Island, who is past president of the section and head of its awards committee.

The Palladium Medal is awarded to "an individual who has distinguished himself by an outstanding contribution to the chemical industry of such a character and scope as to enhance the international aims and objectives of the Société de Chimie Industrielle."

The first presentation of the medal was made in 1961 to Ernest John Solvay, chairman, Solvay & Cie of Belgium. Succeeding winners were Charles Allen Thomas, chairman, Monsanto Chemical Company; Paul Toinet, president and director general, des Soudières Reunies de la Madeleine-Varangeville, and Monroe J. Rathbone, chairman and chief executive officer, Standard Oil Company of New Jersey.

The Palladium Medal will be awarded to Mr. Wingate at a dinner held in his honor on Thursday, September 21, 1967 in the Grand Ballroom of the Americana Hotel in New York. Dr. Parks will preside at the occasion, which will be attended by leaders in science, industry and government.

## Inco Association Since 1930

Mr. Wingate's association with International Nickel began in 1930 while he was on the staff of its general counsel, the firm of Sullivan and Cromwell. In 1935, he joined The International Nickel Company of Canada, Limited, as assistant secretary and assistant to the president of its U.S. subsidiary, The International Nickel Company, Inc. Mr. Wingate was elected president of the parent company and the U.S. subsidiary in April, 1954, and chairman of the board and chief officer of both companies in April, 1960.

A graduate of Carleton College and the University of Michigan Law School, Mr. Wingate holds honorary degrees from the University of Manitoba, Winnipeg; the University of Michigan; and Marshall University, Huntington, West Virginia.

## INCO FAMILY ALBUM



There's never a dull moment in the McLay home at Copper Cliff with this lively brood about: Brenda, 4, Bob, 22, Denis, 16, Mervin, 12, and Rickey, 9, but Ian and Velma McLay wouldn't have it any other way. Ian is an oxygen plant operator, has been with the Inco mechanical department for 27 years.



This happy group is the family of Stable construction leader Tony Wilk and his wife Hannelore. Tony left his native Poland for Canada in 1946, joined Inco at Froid in 1950. A pen-pal relationship of two and a half years ended when Hannelore came from Germany to marry Tony in 1955. Their children are Raymond, 6, Norbert, 11, Frank, 9, and 10-month old Wendy-Lee.

Kearney, on the western edge of Algonquin provincial park in Ontario, was the birthplace of both parents in this pleasant family group. A shift boss at Creighton 8 shaft, Mervin Hurd joined the Company at Levack in 1957, later worked at Froid. Shown with him and his wife Betty are Shaun, 10, Roxanne, 8, and Carrie, 6. The family took an early summer vacation to the West coast this year.

Jake and Carmel Dillabough hail from the Ottawa Valley, he from Douglas and she from Renfrew. Jake, a slope leader at Garson, started at Copper Cliff smelter in 1947, moved to Garson one year later. When he's not taxiing the two boys, Peter, 15, and Billy, 13, to baseball games four nights a week, Jake is happy pursuing his gardening hobby at his home on Lonsdale Avenue in Sudbury. Their holidays this year were spent camping in the Ottawa Valley, with a side trip to Expo.



Robin Swain of the personnel department transferred to Thompson from Copper Cliff in 1962. His wife Bonnie is manager of the Thompson radio and television station. Son Brian works in the mechanical maintenance department, and daughter Dorothy is Mrs. George Jonescove of Sault Ste. Marie, Ontario.



Enjoying the shade in their pleasant garden in Port Colborne is the family of Charles and Matilda Toth. A Mond reducer operator at the Nickel Refinery, Charles joined the Company in 1951, shortly after leaving his home town of Kisvarda in eastern Hungary. Matilda left Hungary in 1952, met Charles at night school English lessons, and the couple were married in 1953. Their three good-looking boys are Jimmy, 8, Tommy, 3, and Charles jr., 13.



Representing Lawson Quarry in this month's family album are Grant Moody, his wife Joan, and their two live-wire youngsters Bradley, 2, and Kim, 5. Both Manitoulin Islanders, Grant was born at Big Lake and Joan at Manitowaning. A mechanical department crusherman, Grant joined Inco in 1952, and has also worked at Copper Cliff, Creighton and Levack. They live in Willisville.







DRAWN UP IN REVIEW ORDER on the parade ground at their permanent camp at Fairbank Lake, some 25 miles from Copper Cliff, the Copper Cliff Highlanders presented a smart sight behind their cadet commanding officer,



C/Capt. J. Collison. On the right, proudly leading the march past with Lt.-Col. S. G. Mullins, CD, as the inspecting officer, the corps' pipe band led by Lt. J. Laderoute gave a traditionally pulse-stirring performance.

## Half-Century Mark Reached By Copper Cliff Highlanders

When Copper Cliff Highlanders moved with smart military precision through the annual inspection program at their Fairbank Lake campsite on August 30, they marked the 50th year of service to the community by their famed cadet corps.

For all their youth, the Highlanders have always shown that dash of professional spit and polish that has repeatedly won them Canada-wide recognition down through the years.

On countless parades and cere-

monial occasions in the Sudbury district they have added color and class with their proud bearing and the pulse-stirring music of their pipe band.

That was the story once again when they came swinging past the reviewing stand where Lt.-Col. S. G. Mullins, CD, honorary lieutenant-colonel of the 2nd Br. Sudbury, Irish Regiment of Canada, took the salute. As president of Laurentian University as well as a top officer of the Sudbury garrison, Col. Mullins could doubly appreciate the importance to the community of the high training standards so obvious in this remarkable unit with its half century of treasured traditions.

He told them he was proud to be their inspecting officer, in the same spirit as dozens of distinguished military men before him, Lord Bessborough said of the unit in 1933: "This is the finest corps I have ever inspected."

Despite coldly inclement weather an audience of 300 was on hand to applaud the Highlanders as they were reviewed by Col. Mullins, who was escorted by Capt. G. H. Hervey, CD, commanding officer, Lt. J. Laderoute, the deeply dedicated director of the pipe band, C/Capt. J. Collison, the crisp young cadet commanding officer, and the two smart platoon commanders, C/Lt. D. McLellan and C/Lt. R. Condie.

Following the official inspection, parties from the corps gave a number of demonstrations that were



NO. 2 PLATOON, which was awarded the Lt.-Col. T. P. Gilday efficiency trophy, stood straight and steady as Lt.-Col. Mullins inspected their ranks. On the left is platoon commander C/Lt. Richard Condie, and following are C/Capt. J. Collison and the commanding officer of the corps, Capt. G. H. Hervey, CD.

thoroughly enjoyed by the crowd, particularly the rifle callisthenics display.

The district cadet officer, Capt. W. Carlton, extended his congratulations on the unit's performance.

It was in 1917 that some 20 boys were organized into a cadet corps at Copper Cliff by the late Major R. C. Barnes, with the warm encouragement of president A. D.

Miles of the Canadian Copper Company, Inco's predecessor.

### Colors Presented by Inco

Starting out with khaki uniforms, the corps was later gazetted to wear the Douglas tartan, with the blessing of the Duke of Hamilton. An outstanding event took place at the annual inspection in 1937 when the Highlanders received their colors, the presentations being made on behalf of Interna-



MASTER OF CEREMONIES for the inspection was one of many graduates of the Copper Cliff corps who have gone on to careers in active service with the Canadian forces, Capt. C. R. Leishman, adjutant of the 2nd Bn. Royal Highlanders of Canada (Black Watch).



IN JUNE, 1937, A SPECIAL PLATOON of the Copper Cliff Highlanders went to Parry Sound to parade at the inspection of a junior cadet corps there. The Triangle's picture of that group is shown above; standing on the right are C/Lt. Richard Coleman, C/Capt. Orville Hickey, C/Lt. Alistair McPhail, and the corps' founder, Lt.-Instructor Roy C. Barnes. Another picture from the past,



taken in early 1950, shows Major Robin Swain, who succeeded R. C. Barnes as commanding officer of the corps in 1949, chatting with a group of his officers, Sgt. John Kennedy, S/Sgt. Alvin Langstaff, C/Lt. "Red" Butler, and C/Capt. Royston Morgan.

tional Nickel by the general manager, Donald MacAskill, and Mrs. MacAskill. Cadet John McCullough accepted the regimental colors and Cadet Wesley McNeice the King's colors. A year later the corps was presented with a new ensign, Scotland's royal standard, the red lion of St. Mark on a field of gold, which flew at Bannockburn, Gift of David Butchart, then master mechanic of mines, it was presented by Capt. R. B. Harris, M.D., honorary colonel of the Highlanders.

Still another treasured memento of the corps is a letter from Her Majesty the Queen, acknowledging receipt of one of its monel cap badges, presented to her on her visit with King George to Sudbury in 1939.

In 1958 new colors were received, presented by the regent of Nickel Chapter, IODE, Mrs. Austin Smith, at a consecration service conducted by the Venerable Gilbert Thompson of St. John's Anglican Church.

The corps' own permanent summer camp was established in 1950 on a beautiful site at Fairbank Lake made available through the interest and generosity of Mrs. Florence Stalker of Coniston, whose father Frank Johnson, owned the farm on part of which the camp is located.

In war as in peace the Copper Cliff Highlanders stood true to the principles of citizenship and love of country ingrained in them as part of their training. A total of 124 former members of the corps enlisted in the Canadian military services in World War 2, 34 in the navy, 38 in the army, and 52 in the air force. Three were killed in action, two were reported missing after air operations, and one be-

came a prisoner of war in Germany.

#### A Tradition of Perfection

Major Barnes was a perfectionist, and the standards of respect, efficiency, and deportment he established in the Copper Cliff Highlanders have been faithfully followed ever since their organization. When he retired in 1949, he was succeeded as commanding officer by Major R. J. Swain, who broadened the scope of training while maintaining the corps' reputation as one of Canada's best. This splendid tradition is now being carried on by Capt. G. H. Hervey, who took over command in 1962 when Major Swain moved to Thompson.

Strength of the corps is 125 boys, all from the Sudbury district.

The Highlanders' pipe band has always held special esteem in the Sudbury area. That this regard is fully merited was illustrated by its official appointment to serve at the month-long national cadet camp at Banff in the summer of 1944. Lt.-Col. S. E. Hunter, commanding officer of the camp, stated, "Their performance, discipline and turnout on every occasion has been of the highest order. We are proud of them as young cadets and musicians. They have a right to be proud of the standard they have strived for and achieved."

Hundreds of boys have passed through the Copper Cliff Highlanders in the corps' 50 years. Some have gone on to outstanding careers on active service with the Canadian forces, many are in the armed services militia, and others have entered all walks of civilian life. Wherever they may be, it's a certainty that they look back on that boyhood association with pleasure and gratitude.

## Bill Taylor and Five Sons All Inco Men

When Copper Cliff electrical supervisor Bill Taylor and his five sons get together, there's every chance that they'll "talk shop", and with a very good reason — they all work for International Nickel.

Shown with their proud dad, who this year completed 25 years with Inco, are, standing: Doug, with the geological department who started at Thompson and has since moved to the Toronto office to work on compilation and drafting; Wallace, of the Copper Cliff smelter machine shop; Bill jr., who also joined the Company with the geological department at Thompson, and is now a fieldwork supervisor with the Company in Guatemala, and happily married to a Guatemalan girl; seated are Wayne, an inspector with the field engineering department at Copper Cliff, and John, electrical supervisor of the Copper Cliff instrument shop. A sixth son, Frank, who died in a car accident in 1963, was employed in the Copper Cliff mill office.

Responsible for installation and maintenance of the Company's 480 miles of high-tension and trolley lines in the Sudbury area, Bill still finds time to be partners with Bill jr. in their 90-acre Manitoulin Island enterprise, Idyll Glen trailer park, on Lake Mindemoya. "I was raised on the Island," said Bill sr., "and I was one of five sons myself. Our daughter, Mrs. Wilda Campbell, is manager of the place, and I can't think of a nicer spot for my wife and I to retire to. We'll have lots of room to entertain our nine grandchildren."

With reasonable care the human body will last a lifetime.  
(Arnold Glasow)

### Stepped Into Retirement "A Little Too Heavily"

"I guess I stepped into retirement just a little too heavily," said recent Stobie service pensioner John Soganich with a wry grin. "After 36 years with the Company without an accident, I go and break a heel bone on my own time."

John planned to divide his well-earned leisure between his two



Mr. and Mrs. Soganich

hobbies, gardening and the stock market, but until his heel heals he is devoting full time to the bulls and the bears.

A native of Davidov, in Slovakia, John was born in 1902. He headed for Canada in 1928, and joined Inco at Frood the following year. He worked there as a drift driller, and for the past 18 years has been a tippleman on 1400 level.

John married Zuzan Nezbalova a year or so before leaving the old country, and they have a family of three: John jr. and Mary live in Toronto. Milan is a Sudbury high school teacher. Their one and only grandchild is in Sudbury, and is the centre of attraction in their daily routine.

## Centennial Voyageurs Given Rousing Welcome at French River



Sudbury Star

A Centennial stunt that has captured the imagination of all Canada, the Voyageurs Canoe Pageant was welcomed by a crowd of 3,000 when it arrived at Schell's camp on the French River, retracing the historic route of the earliest Canadian explorers and missionaries. When they finally arrived at Expo in Montreal they had travelled 3,283 miles of Canada's waterways since leaving Rocky Mountain House, Alberta on May 24, had portaged with their 10 canoes 50 times, paddled more than 40 days in the rain, and endured about 100 nights of parties. Manitoba, the final winner, captured the sprint staged for the Sudbury district crowd at Schell's camp, received its \$150.00 prize in 5-cent pieces from Chamber of Commerce secretary-manager Bob Hollywood because, he gleefully explained, "This is nickel country."



## APPOINTMENTS

H. F. Zurbrigg, vice-president and chief geologist, Toronto, announced the following appointments, effective September 1:

**G. W. Thrall**, assistant chief geologist of The International Nickel Company of Canada, Limited, with headquarters in Toronto:

**G. L. Colgrove**, technical advisor to the chief geologist, Inco Canada whose headquarters will continue to be at Copper Cliff.

### ONTARIO DIVISION

Mr. Zurbrigg also announced the following Ontario division appointments, effective September 1:

**B. E. Souch**, chief geologist;

**C. O. Pritchard**, assistant chief geologist;

**H. F. Stewart**, assistant chief geologist;

**G. H. Merriam**, mines geologist;

**J. S. Dowsett**, chief geophysicist.

**J. B. McConnell**, manager of reduction plants, announced the following appointments, effective August 1:

**K. R. Johnston**, superintendent, transportation department;

**W. McNeice**, assistant superintendent, transportation department.

### G. W. THRALL

Glen Thrall, who was born at Hughton, Saskatchewan, moved at an early age with his family to Kamsack, where he received his public and high school education.



Glen Thrall

He graduated in geology from the University of Saskatchewan in 1939, and received his master's degree from the University of Toronto in 1941. He then joined International Nickel at Levee as a geologist, becoming mine geologist in 1943.

Transferring to geological exploration in 1953, he spent the next four years of field work in Canada and abroad.

In 1957 he went to Monk Lake, in charge of the Company's Manitoba exploration activity, and in 1960 was appointed chief geologist of the Manitoba division at Thompson.

In 1962 he was appointed chief geologist of the Ontario division, with offices at Copper Cliff.

He was married in 1944 to Coreen Fischer of North Bay, and has two children.

### G. L. COLGROVE

Gordon Colgrove was born of Canadian parents at Monson, Massachusetts, and moved to the London, Ontario, area at the age of three.

Graduating in 1938 in honors geology from the University of Western Ontario, he then went on to Queen's University where he received a master's degree in geology in 1940, after which, in 1942, he was awarded his doctorate at the University of Wisconsin.

During his university vacations

he was employed by the Ontario department of mines.



Gordon Colgrove

He became a member of the geological department staff of International Nickel at Copper Cliff in 1942, and has been largely engaged in technical aspects of the Company's Canadian exploration activities.

His marriage to Doris Tremere of London took place in 1941. He has one son and one daughter.

### B. E. SOUCH

Born in Medicine Hat, Alberta, Bert Souch enrolled at the University of Alberta where he received his mining engineering degree in 1931 and his master's degree in geology in 1933.



Bert Souch

Following some exploration experience in the North he joined International Nickel at Frood mine, worked underground for a short time, then entered the mine's geological department where he became senior geologist in 1943.

Moving to Copper Cliff in 1945 he became assistant mines geologist in 1947 and mines geologist in 1956.

He was appointed assistant chief geologist of the Ontario division in 1962.

He was married at Sudbury in 1934 to Frances Bedard, and has one son and one daughter.

### C. O. PRITCHARD

Oryn Pritchard, who was born at Seeley's Bay, near Kingston, attended Queen's University, from which he graduated in 1947 with the degree of bachelor of science in geology and mineralogy.



Oryn Pritchard

Coming to the Inco geological department in 1947, he was located at the Frood, Creighton, and Crean Hill mines, then in 1954 was transferred to geological exploration and spent considerable time in Manitoba. He was appointed area geologist at Copper Cliff in 1957.

His appointment as assistant to the chief geologist was announced in October, 1962.

His marriage to Mary Black took place at Utica, New York, in 1947. He has five sons.

### H. F. STEWART

Although born in Edmonton, Herb Stewart moved at an early

age to Winnipeg and received all his education there, graduating in 1936 from the University of Manitoba as a bachelor of science, following which he did post graduate work in geology and chemistry.



Herb Stewart

Following service with the RCAF he came to International Nickel in November 1945, worked six months underground with the geological staff at Creighton, then for over 10 years was engaged in geophysical exploration, much of it in Manitoba.

In 1957 he was appointed assistant to the chief geophysicist, Copper Cliff, and in October, 1962, became assistant to the chief geologist.

He was married at Weymouth, England, in 1945, to Jean Hibberd, and has two sons and one daughter.

### G. H. MERRIAM

Tara, Ontario, was the birthplace of Gordon Merriam, who graduated from the University of Toronto in 1944 in honors geology.



Gordon Merriam

Immediately following graduation he became a member of International Nickel's geological department, and was first posted to Frood mine. After periods at Garson and Stobie mines he became mine geologist at Murray in 1953.

He was transferred to the Copper Cliff offices in 1956 and was subsequently appointed assistant mines geologist.

Irene Moroney of Sudbury became his wife in 1947. He has two daughters.

### J. S. DOWSETT

Graduate of the University of Toronto in 1949, with a bachelor of science degree in engineering physics, John Dowsett then spent three years on base metal exploration with a United States company.



John Dowsett

Joining International Nickel at Copper Cliff in 1952 as a geophysicist, he has since been engaged in the Company's exploration activities in South Africa, Australia, and various parts in Canada.

He was born in Toronto. His marriage to Maxie Stewart of Toronto took place in 1952. He has two daughters and one son.

### K. R. JOHNSTON

Ken Johnston had a considerable career in railroading before join-

ing International Nickel's transportation department at Copper Cliff in 1955.



Ken Johnston

After completing his high school education in Toronto in 1941 he started as call boy with the CNR in Lindsay, Ontario, his home town. Three years later he became a clerk in the vice-president's office, CPR, Toronto, and there gained broad administrative experience.

He was appointed assistant superintendent of transportation for Inco in 1961.

Cora Hawkins of Orillia became his wife in 1949. He has two sons and one daughter.

### W. McNEICE

Son of Wesley McNeice, retired smelter general foreman, Wes McNeice was born in Belfast, Ireland and came to Canada in 1929 with his family at the age of six to settle in Copper Cliff.



Wes McNeice

He attended Sudbury Mining & Technical School and then started his career with Inco in 1939 as a messenger in the general office at Copper Cliff.

He was transferred to the mechanical department in 1940, then to the personnel department in 1956, and finally to the transportation department in 1961 as assistant to the superintendent.

He served in the Royal Canadian Navy from 1941 to 1949.

His wife is the former Irene McDonald of Sudbury, whom he married in 1944. He has two sons and one daughter.

### MANITOBA DIVISION

J. McCreedy, general manager, announced the following appointments effective August 1:

**A. Sirkka**, mine superintendent, Birchtree;

**H. S. Banasulk**, assistant mine superintendent, Thompson;

**W. K. Newman**, superintendent of personnel; and also these appointments effective August 15:

**T. E. Fregren**, superintendent, nickel refinery;

**W. R. Cook**, assistant superintendent, nickel refinery.

**R. L. Hawkins**, chief engineer, announced the following appointments effective August 1:

**H. G. King**, mine engineer, Thompson;

**H. G. Hess**, mine engineer, Birchtree.

### A. J. SIRKKA

His father an Inco employee pensioned in 1947 after 36 years of service, Arvo Sirkka was born in Copper Cliff and attended Sudbury Mining & Technical School before entering Queen's University.

Kingston. He graduated in 1944 with a B.Sc. degree in mining engineering.



Arvo Sirikka

Following military service as a lieutenant in the Royal Canadian Engineers he joined International, where he had been employed in mines and surface plants during his university vacations. He gained experience at Frood-Stobie, Creighton and Levack mines. He was transferred to the Manitoba division in 1961 as underground superintendent at Thompson mine.

Married in 1942 to Nina Johnson of Sudbury, he has one daughter and one son.

#### H. S. BANASUIK

Shortdale, Manitoba, was the birthplace of Harry S. Banasuiik but his family moved to Northern Ontario and he received his public and high school education at South Porcupine and Kirkland Lake.



Harry Banasuiik

From 1941 to 1945 he served with the Canadian Army and was discharged with the rank of lieutenant. After gaining mining experience in the Kirkland Lake and Larder Lake areas he entered Queen's University, graduating in 1951 in mining engineering.

Coming to International Nickel he was employed at Frood mine where he became a shift boss, then went to the mines office at Copper Cliff as production engineer. In 1959 he returned briefly to Frood as safety engineer before transferring to Thompson where he was appointed superintendent of safety. He became assistant to the superintendent of mines in January, 1966.

Rose Stos of Worthington and Sudbury became his wife in 1941.

#### W. K. NEWMAN

Although born in Winnipeg, Winton K. Newman received his preparatory education in Kenora, following which he attended Queen's University, Kingston. He graduated in 1954 with the degree of bachelor of science in mining engineering.



Winton Newman

Joining International Nickel in the efficiency department at Murray mine, he was transferred a year later to Creighton where he went on production as a driller. He was a shift boss at Levack from 1956 until 1959, when he was transferred to Thompson. He became a divisional foreman in March of 1961. He was appointed

superintendent of safety in January, 1966.

His marriage to Elizabeth Morrison of Kenora took place in 1952. He has three children.

#### T. E. FREGREN

Born in Mercoal, Alberta, Trevor Fregren graduated from the University of Alberta in 1953 with a B.Sc. degree in mining engineering.



Trevor Fregren

Upon graduation he joined Consolidated Mining and Smelting Co. Ltd., at Trill, B.C. Three years later he returned to the University of Alberta on a research grant, and following completion of these studies in 1958 he was employed at the Sherritt Gordon refinery at Fort Saskatchewan.

Starting with International Nickel at the Port Colborne refinery in 1959, he was transferred to Thompson as refinery general foreman the following year, and became assistant refinery superintendent in 1962.

Married to Madeleine Manning of Edmonton, he has two sons.

#### W. R. COOK

St. James, Manitoba, was the birthplace of William Ralph Cook, who attended the University of Manitoba, graduating in 1950 as a bachelor of science in chemistry.



Ralph Cook

He joined International Nickel at Copper Cliff that same year, working in the research department until 1960 when he was transferred to the new Thompson plant as refinery metallurgist. In January, 1966, he was appointed chief metallurgist.

He was married in 1950 to Bernice Del Bigio of Winnipeg, and has two children.

#### H. G. KING

Following graduation from high school in his home town of Niagara Falls, Ontario, Bert King was employed for seven years as an architectural draughtsman and instrument man.



Bert King

Joining Inco in 1934 at Frood mine, he worked on stope and development survey until his transfer in 1941 to Garson. There during the following 12 years he gained broad experience as a layout and efficiency engineer, shift boss, and safety engineer.

Moved to Creighton mine in 1953, he was caving control engi-

neer until his transfer in 1958 to Thompson, where he has been senior stope layout engineer and, more recently, planning engineer.



Ethel Walmesley is shown at her desk in the main reception lobby at Copper Cliff, with four of the guides who conduct plant tours. She has retired on full service pension. The guides are J. Degan, R. Cecchetto, C. Martin and Garry Hall.

His marriage to Helen Sauriol took place at Copper Cliff in 1938. He has one daughter and two sons.

#### H. G. HESS

Harold Hess was born in Gravenhurst, Ontario, but grew up in Windsor. Enrolling at Queen's University, he graduated in 1941 with the degree of B.Sc. in mining engineering.



Harold Hess

Following graduation he spent four years with the Canadian Army overseas.

He was employed by Noranda Mines, Ltd. for two years before joining International Nickel in 1948 as an engineer at Stobie mine.

He was one of the pioneers of the Company's Manitoba development, transferring to Moak Lake in February of 1955. He moved over to Thompson as chief mine surveyor in 1958.

His marriage to Jean Vine of Napanee, Ontario, took place in 1945. He has two children.

#### FIRST CHIEF CHEMIST

The Triangle account in the July issue of International Nickel's 50th anniversary in Port Colborne should have included the name of W. A. Hicks as a member of the original staff.

Mr. Hicks was the Nickel Refinery's first chief chemist, coming from the Company's Orford works at Bayonne, N.J., in June of 1918. He retired on pension in 1944 after almost 46 years of service. His widow continues to reside in Port Colborne.

#### Seaworthy Metal

A modern ocean liner uses more than 100,000 pounds of nickel in corrosion-resistant equipment made from nickel alloys and in rechargeable nickel-cadmium batteries for emergency power.

### Ethel Walmesley

Thousands of people from all over the world have been greeted by the warm smile and friendly personality of Miss Ethel Walmesley in her career as receptionist at the main entrance of International Nickel's offices at Copper Cliff.

Scientists, salesmen, statesmen, educationists, writers, engineers, and drove upon drove of tourists have all come within her ken.

Now retired on full service pension, Miss Walmesley can look back on a highly interesting relationship in which her ability to "meet the public" in a pleasantly informal manner made her contribution to the Company of particular significance.

Ethel Walmesley is of an "Inco" family. Her father, the late Arthur Walmesley, and her brother "Wiggy", whose death in 1938 removed a well-known figure from the Nickel Belt baseball scene, were both employees of the Company. She has been succeeded as receptionist at Copper Cliff by her sister Jo.

First starting with the Company in 1930 as a telephone operator at Copper Cliff, Miss Walmesley continued as "central" until the introduction of dial telephones in 1937. During the war years when women went into the surface operations to help maintain the production of victory-vital nickel, she worked as a junior chemist in the control lab at Copper Cliff and as a clerk in the efficiency and yard offices at Frood mine.

She is a member of the record group of 430 qualifying this year for membership in the Inco Quarter Century Club.

#### FEMINE FINANCING

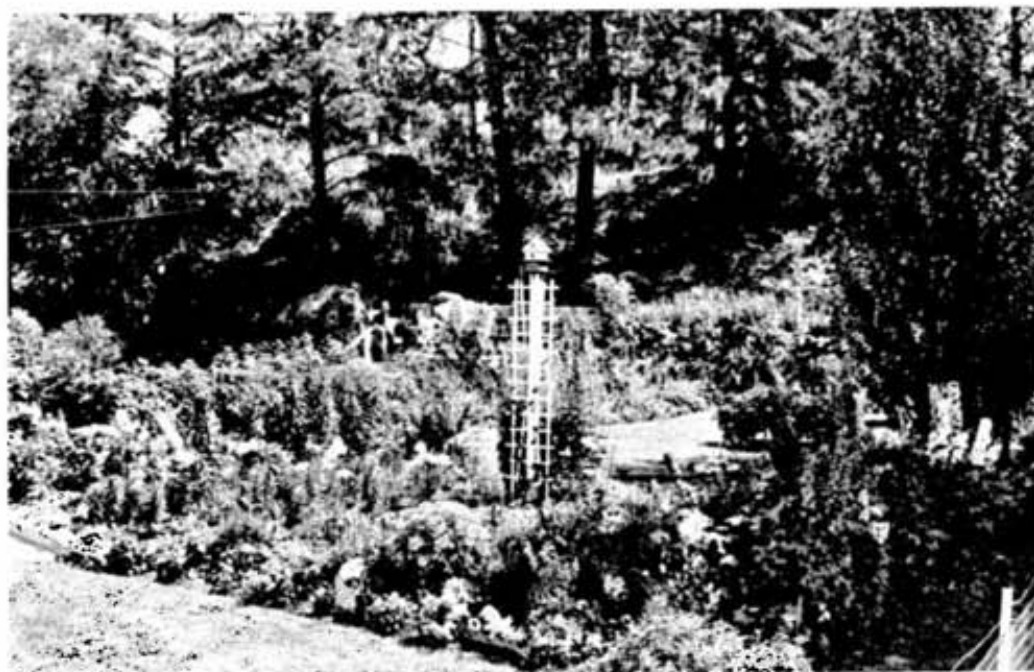
The little missus put her arms around her hubby's neck, smiled sweetly and delivered this gem of feminine financial genius:

"Honey, will you lend me twenty dollars but only give me ten of it? Then I'll owe you ten, and you'll owe me ten, and we'll be even."

There was a time when a fool and his money were soon parted, but now it happens to everybody.

(Adlai Stevenson)





Behind their home on Church Street, Levack, Henry and Enid Klitsgaard can be seen on the patio of their beautiful old-fashioned garden, surrounded by a profusion of bloom and greenery. The lower slope of a pine-covered hill has been terraced and transformed into a delightful outdoor living-room by this "green-thumbed" couple. They have lived in Levack for almost 18 years. Henry is a stope leader at the mine.



Perennial winners of Inco garden awards are Mr. and Mrs. Al Stoddart of Copper Cliff, who reside at 8 Clarbelle Road. Mrs. Stoddart is shown in a corner of the upper terrace in her artistically planted grounds. "It's a lot of work," she admitted, "but it gives us a lot of pleasure."



## Beautiful Garden D Illustrated Communi

With the Centennial spirit urging the citizens in the Sudbury district made a little beautify their home grounds with floral beds, trees, and carefully groomed lawns.

Many outstanding displays were created to neighbors and passersby as well as to the they enhanced.

In the annual competitions sponsored cultural Society and by International Nick enjoyable but often very difficult task in choosing various trophies and cash awards.

In the Inco gardening contests more prizes were awarded this year than in 1966, indicating a general improvement of average home grounds by householders. The judge, Thos. Vickers, who was assisted by members of the agricultural department, was most impressed by the Coniston gardens. He also made special

mention in garden. The gardeners were, however, he own or ment over the competition and televi



A floral 1967 and several attractive beds of Sylvia and Rene Barbeau on French Street in Il

Most striking use of the Centennial theme in a private garden was proudly displayed by Paul and Rita Fox and their son Paul Jr., at 99 St. Brendan Street, Sudbury. The familiar stylized maple leaf was planted in St. John's Fire salvia, and the encircling C in white alyssum. Mrs. Fox is the enthusiastic president of the Sudbury Horticultural Society, which held a very successful 1967 exhibition in the Arena. Her husband is with the Creighton detachment of the Copper Cliff Police Department.



A commendable deed of com the Creighton detachment, Cop floral contribution on the high can be admired and enjoyed by



# lays Pride

on, thousands of  
effort this year to  
borders, shrubs and

ing special pleasure  
nilies whose homes

he Sudbury Horti-  
se judges had an  
the winners of the

gratifying increase  
interest at Garson.  
in Copper Cliff,  
ton and Levack  
ight, holding their  
ng some improve-  
cent years despite  
a of summer camps

ed on Page 10

Gene Liciotti, elec-  
trician at Stobie  
mine, is one of the  
people responsible  
for this brilliantly  
arranged rock garden  
at 1011 Notre  
Dame Avenue,  
Sudbury. He and  
his mother, Mrs.  
Josephine Liciotti  
(shown in the pic-  
ture), along with  
his brother-in-law  
and sister, Mr. and  
Mrs. W. Villeneuve,  
share the many  
compliments of  
friends and passers-  
by on this show-  
place.



ke an inviting setting at the home of  
idental section at Creighton.



An Inco pensioner since 1965, Paul Risko takes great pride and joy in the pretty plantings with which he and his wife Mary have surrounded their home at the corner of Hillcrest Crescent and Willard Street, Sudbury. It's quite a transformation when compared with the bleak background.



"It's our hobby and  
we love it," said  
Germaine Sartor of  
the pleasantly for-  
malized back gar-  
den partly shown  
here which she and  
her husband Carl  
fill with bloom each  
year at 569 Queen  
Elizabeth in Lively.  
Roses are their par-  
ticular joy, al-  
though they seem  
to be experts with  
every type of  
flower.



Every year Mr. and  
Mrs. Giovanni Fe-  
dat of 106 Caruso  
Street, Coniston,  
give both them-  
selves and their  
neighbors a treat  
with their immacu-  
lately groomed  
home surroundings.



rice is performed by Walter Hughes of  
police, who annually produces this bright  
sund at the front of his church where it

## Garden Displays

Continued from Page 9

Following are the results of the Inco competitions:

### CONISTON

Giovanni Pradat, 106 Caruso St., \$20.00; Arthur Martinello, 108 Caruso St., \$15.00; Dino Oliver, 10 Thomas St., \$10.00; Francisco Argentine, 8 Thomas St., \$9.00; Ugo Comacchio, 20 Caruso St., \$8.00; Bruno Comacchio, 20 1/2 Caruso St., \$7.00; Peter Baran, 16 Walter St., \$6.00; and the following awards of \$5.00 each: John Holunga, 128 William St.; Joseph Solaki, 116 William St.; Mrs. Donald Hugh, 9 William St.; Mrs. Giovanna Girolametto, 42 Caruso St.; Donald Sillmon, 10 Balsam St.; William Burns, 66 Fourth St.; Joseph Barnes, 12 John St.; Peter Gobbo, 14 John St.; Mrs. Lena Forestell, 30 Edward St.; A. Lamarin, 26 Caruso St.; Attilio Fioriani, 4 William St.; John Shelecy, 14 Walter St.; G. B. DeMarchi, 23 Walter St.; Gino Sartor, 16 Allan St.; E. D. Everitt, 62 Fourth Ave.; Mrs. Evelyn Gobbo, 59 Third Ave.; J. V. Forestell, 50 Second Ave.; Antonio De Cicco, 40 East St.; Walter Haddon, 34 Edward St.; Willard Conlon, 2 Hillside Court; J. Chwyk, 136 William St.; William Deneka, 18 William St.; Antonio Silvestri, 28 Walter St.; Giovanni Cecchin, 21 Walter St.; Guido Pidutti, 5 Walter St.; Sylvio Floreani, 18 Allan St.; Mrs. S. Shreeve, 50 Concession Rd.

G. W. Evershed, 58 Fourth Ave.; Carmen Bray, 57 Fourth Ave.; R. L. Smith, 47 First Ave.; Oscar Paradis, 51 First Ave.; Verdell Price, 23 First Ave.; Gordon Adams, 35 Edward St.; J. A. Desjardins, 46 Edward St.; Mike Sliwchuk, 60 East St.; Pasquale Lucci, 62 East St.; Mrs. A. Rossini, 6 Thomas St.; Santo Pavrin, 24 Caruso St.; Antonio Parisotto, 88 Caruso St.; Emilio Parolin, 90 Caruso St.; Luigi Goegan, 82 Caruso St.; Mel Orendorff, 94 Caruso St.; Giovanni Bon, 79 Caruso St.; Alberto Squarzo, 81 Caruso St.; Vito Battistuzzi, 39 Caruso St.; Leo Oliver, 19 Caruso St.; Tiziano Oliver, 37 Caruso St.; Steve Wasichuk, 32 Riveau St.; John Halushenski, 64 William St.; Mrs. Helen Holunga, 54 William St.; A. Zanutto, 8 William St.; Alex Rivard, 2 William St.; L. Visentin, 20 Walter St.; Reno Visentin, 22 Walter St.; John Moroz, 19 Walter St.; Nicholas Benedetti, 17 Walter St.; Joseph Worobec, 7 Walter St.; Cornelio Pellizzari, 48 Allan St.; Darlo Cherzi, 30 Walter St.; Leo King, 47 Third St.

### CREIGHTON

N. E. Silverson, 48 Alexandra St., \$20.00; Rene Barbeau, 19 French St., \$15.00; John Ballin, 22 Albert St., \$10.00; William Oja, 2A George St., \$9.00; Henry H. Smith, 15 Churchill St., \$8.00; Joe Grivich, 15 Albert St., \$7.00; Alex Ostafie, 19 Lake St., \$6.00; and the following awards of \$5.00 each: W. Wallgora, 1A Albert St.; Thomas Murphy, 55 Wavell St.; Henry Farrell, 28 Lake St.; Joseph Fortune, 12 Churchill St.; C. A. Adams, 45 Alexandra St.; William A. Mitchell, 10 Churchill St.; J. E. Moore, 63 Wavell St.; Clifford Briggs, 51 Wavell St.; E. Cozzarini, 33 Copper Cliff Rd.; J. B. Smith, 7 Lake St.; N. F. Russell, 3B Snider St.; James Hutton, 21 George St.; E. Tahvanainen, 41A Wavell St.; G. Stephens, 27 Wavell St.; Vittorio Fabris, 21 Copper Cliff Rd.; L. D. Joly, 29 Copper Cliff Rd.; Walter Lawowik, 25 Copper Cliff Rd.; F. Gotro, 10A Lake St.; D. F. Shannon, 19 Snider St.; W. C. Moore, 17 Snider St.; John Myerich, 18 Snider St.; A. Kaszkiewicz, 7B Snider St.; V. B. Dumencu, 46 Alexandra St.; Andrew Ostashek, 42 Alexandra St.; L. M. Lehman, 9 Edward St.; T. Waine, 7 George St.; Ignacy Gasterowsky, 9B Albert St.; Matti Hreijac, 13 Albert St.; T. Zupanich, 25 Miller St.

### COPPER CLIFF

R. A. Stoddart, 8 Clarabelle Rd., \$20.00; J. N. Metcalfe, 8 Cobalt St., \$15.00; Leonard Hamilton, 5 Clarabelle Rd., \$10.00; C. W. Wilkin, 20 Cliff St., \$9.00; E. A. Posten, 30 Power St., \$8.00; R. T. Gauthier, 4 Evans Rd., \$7.00; J. R. Clark, 6 Granite St., \$6.00; A. Nickle, 10 Balsam St., \$5.00; and the following awards of \$5.00 each: G. D. Wainwright, 1 Cobalt St.; Norman Temple, 15 Poplar St.; W. Savage, 34 Power St.; R. C. White, 4 Church St.; R. A. Corless, 10 Power St.; E. M. Grace, 57A Balsam St.; Robert Bell, 12 Oliver St.; Sulo Sarlin, 10 Finland St.; Remo Canapini, 63 Diorite St.; M. W. Lemke, 28 Power St.; Charles Mathie, 31 Power St.; J. R. Elliott, 19 Nickel St.; K. L. Prillauer, 25 Nickel St.; G. A. Brone, 32A Nickel St.; W. J. Gladstone, 35 Nickel St.; Lucien Marier, 15 McNeill St.; L. M. Hanbury, 2A McKen St.; William Montgomery, 48B Peter St.; F. J. O'Neill, 6 Church St.; A. H. Van Allen, 14B Peter St.; John Livingstone, 15 Peter St.; Guy Hashey, 26 Church St.; B. J. Anderson, 15B Church St.; Patrick Lowmyer, 5 Evans Rd.; J. C. McQuillan, 41 Evans Rd.; P. E. Semler, 39 Evans Rd.; D. L. Roy, 50 Evans Rd.; R. A. Sato, 2 Poplar St.; Mrs. Malvina O'Reilly, 2 Poplar St.; Yrjo Vesanen, 29 Poplar St.

## It Took a 12-Year Pull But Creighton Yard Crews Made a Million



Employees in the yard department at Creighton were wearing broad grins of satisfaction on July 14 when they clocked their millionth consecutive man hour without a lost-time injury. "This would have been a proud day for Jim Currie," said yard foreman Doug Brown, in tribute to the popular leadership of his late predecessor. It took almost 12 years of steady safe workmanship for the Creighton yard crews to top the 1,000,000-hour mark. "Congratulations to all who helped attain this fine record. Keep up the fine work!" said safety engineer Jim Byrne. Shown above are the yard crew at Creighton 5 shaft, with foreman Doug Brown standing fourth from the right and Jim Byrne at the end of the row. In the group are N. Zelinsky, A. Lauzon, E. Tamassini, J. Konarek, L. Dyko, A. Brisebois, A. Ostafie, T. Szwec, L. Kilby, J. Lorenzin, J. Parker, T. Chezzi, R. Thompson, C. Mitchell; on vacation were G. Farland and A. Tonelli.

C. P. Heaphy, 54 Poplar St.; J. LeBorgne, 64 Balsam St.; J. Kania, 92 Balsam St.; George Charland, 96 Balsam St.; J. G. Rickaby, 5 Market St.; G. A. Frame, 8 Power St.; P. H. Burchell, 40 Power St.; F. J. Minsky, 21 Power St.; W. A. Beatty, 19 Power St.; T. D. Gladstone, 17 Power St.; Joseph Siewicki, 13 Poland St.; Stewart McBeth, 7 Orford St.; John Livingstone, 18 Orford St.; Frank Lisiecke, 19 Orford St.; R. S. Livingstone, 21 Orford St.; T. C. Robertson, 27 Cobalt St.; W. G. Chandler, 6 Cobalt St.; P. R. Matte, 24 Cobalt St.; H. P. Stewart, 26 Cobalt St.; N. A. Cret, 3 Granite St.; W. S. Lawson, 1 Jones St.; Helen Montgomery, 2 Oliver St.; E. Marcon, 22 Union St.; G. N. Bodson, 12 Union St.; Adolfo Talamelli, 13 Pietro St.; Eugenio Minardi, 6 Milan St.; Domenico Ghetti, 8 Basilio St.; Alfred Desotti, 23 Craig St.; Giovanni Visentine, 35 Craig St.; K. Bulfin, 15 Florence St.; Guido Longarini, 38 Diorite St.; Lorenzo Zanetti, 37B Diorite St.; Elmer Zink, 34 Diorite St.; R. W. Buschart, 18 Cliff St.; Ronald Heale, 14 Cliff St.; Gordon Henry, 23 Cobalt St.

### LIVELY

H. J. Squirell, 241 Twelfth Ave., \$20.00; W. J. Koch, 244 Eleventh Ave., \$15.00; C. P. Sartor, 569 Queen Elizabeth St., \$10.00; R. A. Elliott, 238 Tenth Ave., \$9.00; Robert Pascoe, 334 Tenth Ave., \$8.00; J. E. Treasure, 237 Tenth Ave., \$7.00; L. B. Thompson, 217 Eleventh Ave., \$6.00; and the following awards of \$5.00 each: R. C. McDonald, 236 Twelfth Ave.; J. H. Tuttle, 219 Fourth Ave.; Frank Kuchinski, 238 Ninth Ave.; Sandy Roschinka, 250 Tenth Ave.; G. F. MacDonnell, 217 Eleventh Ave.; A. K. Young, 247 Birch St.; S. E. Dunn, 569 Main St.; R. W. Brown, 269 Second Ave.; Trinity United Church, 234 Sixth Ave.; V. J. Blair, 284 Ninth Ave.; V. P. Koivu, 320 Tenth Ave.; J. C. Hunter, 240 Eleventh Ave.; S. P. Cull, 258 Twelfth Ave.; W. E. Frisell, 247 Birch St.; Nathan Urley, 566 Charles St.; Earl McMillan, 562 Main St.; Henry Wigglesworth, 216 Second Ave.; J. A. Hutton, 247 Ninth Ave.; L. R. Forth, 220 Eleventh Ave.; M. C. Kossar, 252 Eleventh Ave.; L. C. Nichols, 592 Main St.; D. W. Bradley, 390 Main St.; J. E. McLock, 168 Main St.; J. Dyck, 205 First St.; Mrs. Esther Corrie, 202 First St.; R. Robertson, 229 Fourth St.; G. W. Andrews, 261 Sixth Ave.; E. Plante, 237 Seventh Ave.; Armas Lampi, 281 Seventh Ave.; Walter Haydick, 262 Seventh Ave.; Peter Chesterman, 266 Seventh Ave.; J. R. Oliver, 245 Ninth Ave.; Robert Allan, 249 Ninth Ave.; G. T. Bayford, 220 Ninth Ave.; B. Coates, 365 Tenth Ave.; Graham Squirell, 256 Ninth Ave.; J. A. Hickey, 270 Tenth Ave.; P. H. Waller, 246 Tenth Ave.; Harry Watson, 316 Eleventh Ave.; C. H. Avery, 316 Eleventh Ave.; V. E. Gratta, 256 Eleventh Ave.; N. W. J.



Members of the yard crew at Creighton 3 shaft shown in this picture with Doug Brown and Jim Byrne are N. Dudar, J. Valiaho, F. Rochon, I. Starcevic, A. Dejneka, M. Linna, J. Hutton, F. Kuchinski, V. Jokinen, J. Quinn, W. Romaniscyn, G. Regelous, N. Verelli, P. Kirkbride, R. Turunen; not shown, F. Gotro, A. Clarke, V. Rintala, J. Holliday, J. Fyfe, B. Ceppetelli, A. Ksiazkiewicz, D. Kohnke.

Reeves, 231 Twelfth Ave.; Robert Seawright, 293 Pine St.; J. C. Bingham, 279 Birch St.; E. E. Near, 331 Maple St.; L. Henson, 293 Ash St.; Allan Simpson, 172 Sixth Ave.; D. J. Wing, 184 Sixth Ave.; J. F. Cooper, 183 Third Ave.; H. C. Melow, 410 Main St.; A. C. Gouley, 612 Main St.

### LEVACK

H. Klitzgaard, 23 Church St., \$20.00; Frank T. Crome, 20 Nickel St., \$15.00; J. Kieniewski, 49 Pine St., \$10.00; W. C. Braze, 32 Birch St., \$9.00; H. Knicht, 32 Birch St., \$8.00; A. Wyper, 44 School St., \$7.00; A. D. Cucksey, 8 Third Ave. N., \$6.00; and the following awards of \$5.00 each: E. Hiltun, 148 Sixth Ave.; John Graham, 33 Fourth Ave. N.; P. Lavrovson, 15 Fourth Ave.; Harvey Elliot, 35 Cedar St.; R. B. Moir, 24 Fourth Ave.; J. H. Kennedy, 15 Cedar St.; P. Jankunas, 118B Warsaw St.; H. Otto, 38 Third Ave. N.; R. Kalpanka, 32 Pine St.; Stan Embel, 118A Warsaw St.; A. Crawford, 42 Nickel St.; L. O. Puro, 17 Third Ave. N.; J. C. 888thman, 19 Third Ave. N.; Cecil

Shaler, 83 Poplar St.; P. Palumbo, 183 First St. N.; Mrs. Anne Kochinski, 718A Warsaw St.; G. Morton, 15 Third Ave. N.; John Mallek, 30 First Ave. N.; D. C. Ross, 32 First Ave. N.; D. B. Johnston, 82 First Ave. N.; A. L. Armstrong, 18 Third Ave. N.; Lawrence C. Hubley, 88 Mountain St.; Audrey Giannini, 115 Warsaw St.

### GARSON

A. Iye Jr., 329 Pine St., \$10.00; V. Stone, 27 McDonnell St., \$7.00; R. Levesque, 253 Pine St., \$6.00; and the following awards of \$5.00 each: E. G. Wohlberg, 6 Rule St.; A. Morin, 60 McDonnell St.; N. P. Oculive, 124 Henry St.; L. E. Thompson, 100 Henry St.; James Grassam, 20 Henry St.; R. D. Crawford, 6 Armstrong St.; Hugh Kozien, 26 Poplar St.; G. T. Quilty, 116 Henry St.; H. C. Ramage, 418 Church St.

### MURRAY MINE

The following received awards of \$5.00 each: A. P. Bennett, 4 Holmes St.; K. Thiruppe, 18 Holmes St.; D. O. Storey, 24 Holmes St.



## Billion-Dollar Battle Being Fought At Inco's Ocean-Front Laboratory

Corrosion ruins billions of dollars worth of structural and industrial equipment annually. It also deals persistent and heavy damage to consumer items such as automobile parts, air-conditioning units and household goods.

The challenge of dealing with this insidious enemy has been accepted by a growing breed of specialists called corrosion engineers. Those with a particular interest in the effects of the sea and salt water on materials have set up their front line of reconnaissance near the ocean, at testing stations in which co-operative studies of marine corrosion are undertaken.

### 50,000 Specimens Under Test

One such station with an international reputation is the Harbor Island Corrosion Laboratory, near Wilmington, North Carolina. At this laboratory, operated by International Nickel, testing is carried out at two separate facilities: the main laboratory on Harbor Island, and the atmospheric exposure testing lots at isolated Kure Beach, 18 miles south of Harbor Island.

Some 50,000 specimens are currently being exposed to the rigors of the Atlantic Ocean's environment in tests that determine what degree of corrosion resistance could be expected of the metals, alloys, metallic coatings and other materials involved, were they put to use under similar conditions. Simultaneously, studies are made of salt water corrosion reactions in order to develop more effective means of controlling the destructive forces.

Approximately 40,000 of the test specimens, which range from standard panels to finished products, sit on racks at Kure Beach, completely unprotected from the Atlantic Ocean's spray, the salt air and the weather. At the main laboratory, on Harbor Island, most of the other specimens are fully or partially immersed in seawater.

Tests are usually originated by International Nickel research and development personnel. They may also be initiated at the request of producers of all kinds of metallic and non-metallic materials, or specific user industries and their associations. Independent and university research laboratories, as well as governmental agencies, are also benefited by the laboratory's facilities.

### Hydrofoils to Hardware

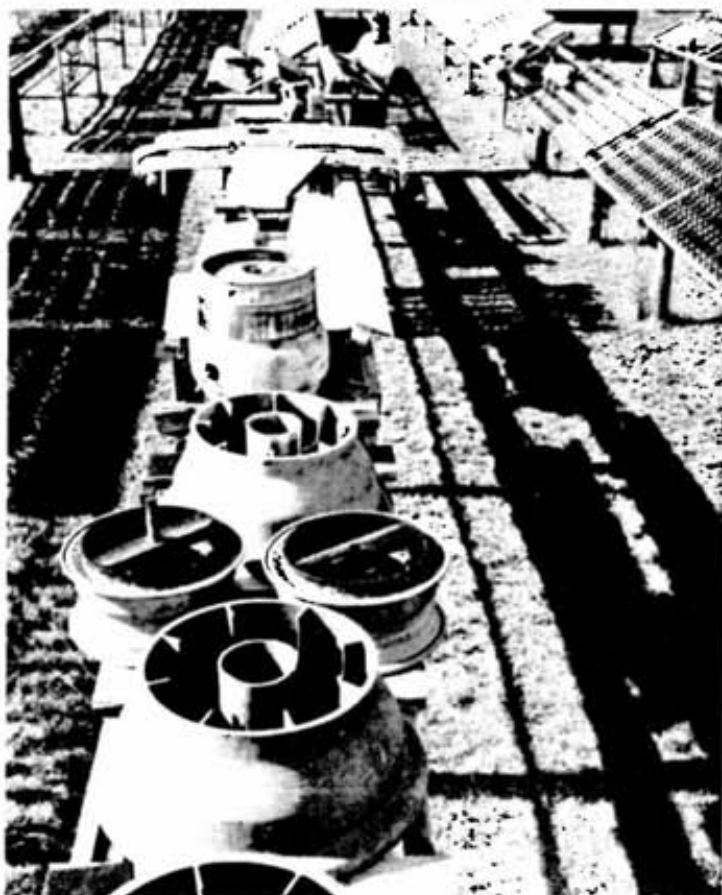
From the results of the many atmospheric exposure and seawater immersion tests, a biography of deterioration is written for each corrosion specimen—a story that can determine whether or not the material involved should be considered for a particular structural or equipment application. Such a biography can take months or years to accumulate, but, when this is accomplished, it often has broad technological significance throughout the world. To cite a few examples, at the Harbor Island Laboratory today, materials are being tested for critical functions in desalination plants, hydrofoils, offshore drilling and mining rigs, power plants, oceanographic equipment, jet aircraft, submarine hulls, skyscrapers and automotive trim and hardware.

Test results obtained at the facility have been instrumental in the creation of important new alloys for marine applications, and in confirming that some alloys originally designed for other purposes can be used advantageously in new fields. They have been helpful as well in the establishment of national and international materials standards, and in the development of reliable guides to the selection of materials when dissimilar metals and alloys must be used in contact with each other.

### Ocean's Resources Spur Interest

The knowledge gained at International Nickel's marine corrosion testing facility, and others around the world, is more in demand at present than ever before, largely because of the swelling interest in tapping the ocean for food and its floor for petroleum and mineral resources, and in constructing commercially feasible desalination plants. More than 1,000 persons a year visit the Harbor Island Laboratory in search of new marine corrosion data.

Annually, scientists, engineers and executives from industry, government and education travel to the North Carolina facility from many different countries specifically to attend the four-day Sea Horse Institute meeting sponsored by International Nickel. The meetings are dedicated to informal discussion and exchange of information on problems related to marine corrosion. More than 30 years old and still growing, the Institute is dedicated to waging a cooperative, continuing struggle against the destructive forces of the sea.



SPECIMENS RANGING FROM standard test panels to a wide variety of finished products are mounted on racks at the Kure Beach station for atmospheric exposure ordeals to determine their vulnerability to the corrosion enemy. Continuous recordings are made of temperature, humidity, and acidic contents of the atmosphere. There are over four acres of enclosed test areas at Kure Beach where more than 40,000 specimens are exposed to the ravages of the marine atmosphere.



THE FOREST OF ROPES suspending test racks beneath the extensive wharf structure at the Harbor Island Corrosion Laboratory is partly indicated in this picture. Thousands of specimens are submerged in the sea water at various elevations from the bottom mud to the severe environment of the splash zone, to test their corrosion resistance. Even the majority of the wharf pilings are test specimens of various beams and pipes with differing types of coating and metallic sheathing to evaluate the more promising techniques of preventing corrosion. Increasing interest in harvesting the ocean's food and mineral resources has sharpened the importance of this big Inco operation.

# Budding Tradesmen Getting Expert Instruction at Port Colborne Plant

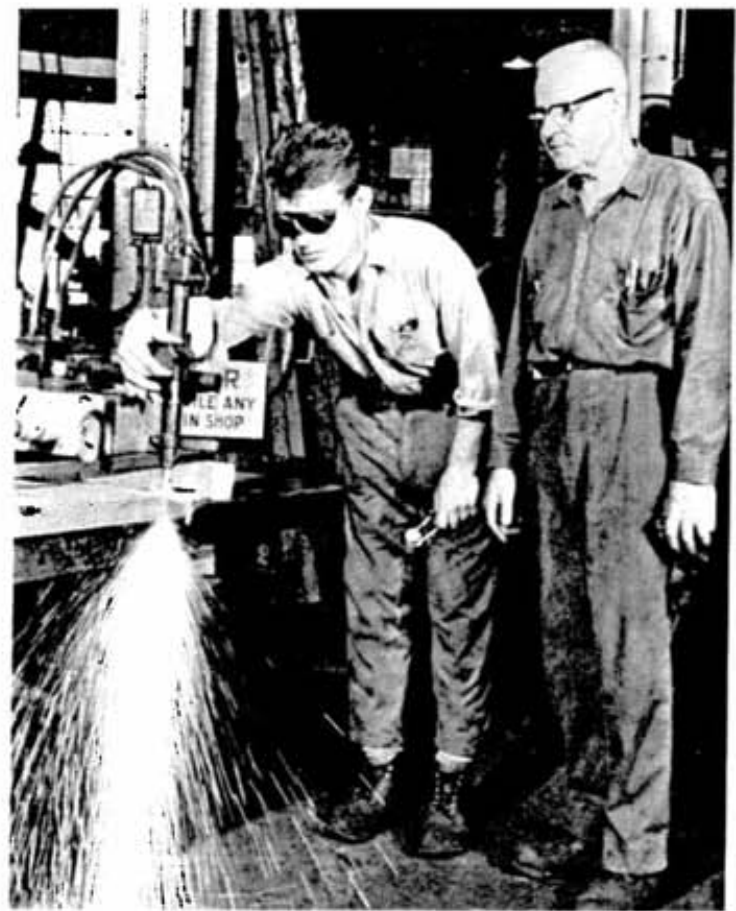
Older heads and young hands are working together to produce fully qualified tradesmen in the apprentice training program at the Ontario division's nickel refinery at Port Colborne.

Wisdom and skill gained from long experience is passed on to the young apprentices by expert senior tradesmen with a flair for teaching. Backing up this training are specially designed courses of home study which have been developed for each of the trades after extensive research by the Company and International Correspondence Schools.

At present there are 22 enrolled in four-year apprenticeships for machinists, ironworkers, and electricians. The home study courses, which run concurrently, take from two to three years.



Machinist apprentice (3rd year) Barry Bitner observes closely as 1st class machinist Herb Roberts recuts the commutator of the rotor from a motor generator set. An expert in the use of the plant's largest lathe, Herb is an exceptionally good instructor as well as a top tradesman.



Jerry Taylor, ironworker apprentice (3rd year), is shown cutting mild steel plate for weldment on cathode shears, under the watchful eye of 1st class ironworker Joe Gravelle. An ingenious and skilful ironworker, Joe has extensive knowledge of the trade to impart to younger men.

Scotty Roberts, ironworker apprentice (2nd year), is gaining know-how as he assists Jack Rogers in fabricating stairs to a crane platform. Since he is interested in his work and has had much experience in making and installing many different structures, working with Jack affords the best of instruction for young apprentices.



Electrician apprentice (3rd year) Wayne Totten assembles a cooling fan under the watchful eyes of Archie McIntyre, maintenance electrician 2nd class, who has a thorough knowledge of all the small motors and electric tools used in the plant.



Electrician apprentice (2nd year) Brian Scott is shown assisting Vic Rivers, 2nd class armature winder, in lashing together the inter-pole winding in one of the two 880 hp dc generators of the m.g. sets used for the plant's dc supply. This is another typical example of the broad range of training received by the electrical apprentice, working closely with a senior man and thus profiting from all his years of experience.

Machinist apprentice (3rd year) Tom Bruno is helping Elmer Anger, 2nd class machinist, assemble a 6x4 In-co-type centrifugal pump in a jig to ensure universal fit when the pump is installed. Elmer is another tradesman with broad experience who has proven his ability to instruct young apprentices on the routine to be followed and the reasons for so doing. His excellent work with the Boy Scouts has also demonstrated his ability and desire to teach others.





# Over 100 Boys Soaked Up Hockey Savvy From Big-Time Greats



Professor Al Arbour's Annual College of Hockey Knowledge had Copper Cliff's Stanley Stadium jumping with activity again in August as more than 100 young hopefuls worked their way through a rugged course of training and instruction.



A highly organized operation, the two-week semester included films, chalk talks, physical conditioning, and plenty of ice drill in which the boys soaked up savvy from some of the best teaching players in the game.

The boys were divided into four age groups ranging from 7 to 16. Some of the pint-size future pros are shown above (left) getting working orders from the highly successful local hockey coach, Stuart Duncan of Lockerby Collegiate.

On the right the great little New York Ranger goalie, Sudbury's Eddie Giacomini, tutors a group composed of Joey Bowen, Claude Taillefer, Kenny McLennan, Richard Bona, and Neil Cryderman, all of the Sudbury district.

## Golden Wedding

A reception attended by friends and relatives from different parts of Quebec and Ontario as well as from the Sudbury district marked the 50th wedding anniversary of Mr. and Mrs. Delphis Gauvreau of Coniston.

An Inco employee for almost 30 years, Mr. Gauvreau retired on service pension in April of 1959 from the Coniston plant.

Coniston's Club Allegri was the setting for the reception, which

was arranged by the couple's family of 11: Irene Lampman,



Tom, Albert, and Oscar Gauvreau all of Sudbury; Aure Tellizarrri, Hector, Leo and Patrick Gauvreau, of Coniston; Anita Gauvreau, of Toronto; Jim Gauvreau of Montreal, and Theresa Lebreton, of Pembroke.

Mr. and Mrs. Gauvreau were married in Our Lady of Mercy Roman Catholic Church, Coniston, by Rev. Ovila Campeau. Both enjoying excellent health, they plan a visit to Expo 67 as a celebration of their golden anniversary.

Although it was launched only last year under the sponsorship of the Inco General Athletic Committee, as a community service, the school's fame has spread fast. This year's crop of promising young talent included two boys from Thompson, Manitoba, Gerry Fenske and Tim Duncan, shown here with the old professor himself, Al Arbour, one of the NHL's all-time star defencemen.



Eight boys came from Lansing, Michigan, and others from Calabogie, Shawville and Bryson in Quebec, Smiths Falls, Montreal, and all points in the Sudbury district.

Kenny Wharram, North Bay's gift to the Chicago Black Hawks, was another member of the faculty. Captain George Armstrong of Toronto Leafs had been booked but couldn't make it this year on account of a conflicting commitment. Stanley Stadium manager Pat Heaphy gave the school his usual enthusiastic co-operation.

## New Trophy for Lively



First winner Bob Coates of 265 Tenth Avenue is shown (right) receiving the Lorne Gagnon memorial trophy, to be awarded annually for the most improved lawn in Lively. Bill Trezise (left) donated the trophy in honor of the man on whose farm part of the town was built. He was killed in a car accident last year. During school vacations Bill had worked with Mr. Gagnon for several years on Inco agricultural department grounds maintenance in Lively. Bill has now left for Burlington to start his career as a school teacher.

## Jess Stickles

Jess Stickles did a lot of moving around before he finally settled down with Inco at Port Colborne in 1936. Born in Kent, England, in 1902, he was eight years old when his family sailed to Canada, living in Toronto for a year before settling at Pelham Corners in Welland County.

He first joined Inco with the bricklayers at Copper Cliff in 1919, working at the O'Donnell road yard. The following year he returned to Welland to work in the N. S. & T. Railway ticket office until 1922. He then held jobs with various concerns in Buffalo, N.Y., Pittsburgh, Penn., and Florida, after which he returned



Mr. and Mrs. Stickles

locks in the Welland Canal. He left Atlas Steels, Welland, to join Inco for a third and final time, starting at the Nickel Refinery in Port Colborne in October 1936 as a pipefitter.

Jess married Lottie Reece of Penwick in 1924 at Buffalo, N.Y. They have one son Ronald, a weigher at the Port Colborne

plant with 16 years of Inco service, two granddaughters and a grandson. Jess has a brother Don with the company at Copper Cliff.

Gardening, particularly growing flowers, occupies much of Jess' leisure time. The Stickles are planning a trip to British Columbia and are also looking forward to a trip to England in the near future.

At a stag party in the Canadian Legion Hall celebrating Jess' retirement, a presentation of a portable stereo was made to him on behalf of his fellow employees. Mechanical superintendent Chris MacPhail thanked him on behalf of the Company for his long service.

## Solid Support

For maximum stability, giant telescopes are supported on mounts made of a special iron-nickel alloy which neither contracts nor expands with changes in temperature.



MODEST PRELIMINARY STRUCTURES AT LITTLE STOBIE ARE SIGNPOSTS OF BIG NEW OPERATION UNDER DEVELOPMENT

## GREAT MINES FROM LITTLE HEADFRAMES GROW

The small temporary headframes which have sprung up here and there in the Sudbury district since International Nickel commenced its major mining expansion program early in 1965 are the signposts of great mines to come.

Despite the urgency for greatly increased production of nickel to meet the world demand, and the multi-million dollar campaign the Company has mounted to close the gap between demand and supply, unfortunately nobody has come up with a formula for an "instant" mine.

An inexorable toll of time is involved between the day of decision and the date of production, during which shafts must be sunk, underground workings developed, a permanent surface plant built, hoisting and other facilities installed, and a working force organized.

It speaks volumes for the Company's engineering departments, and for the contractors called in to make the crash development program possible, that three of the new mines are already in production, and four other new mines in the Sudbury area, along with new shafts at existing mines, are on schedule toward their target dates. Likewise, in the Manitoba division, development of new mines is proceeding with outstanding efficiency and dispatch.

### Little Stobie An Example

Typical of the small surface structures signalling great things to come are the temporary headframes at No. 1 and No. 2 shafts of the new Little Stobie mine, seen modestly poking their heads above the horizon in the above photograph.

Less than a mile northwest of the great Frood-Stobie complex, shaft sinking at the Little Stobie commenced in midsummer of last year, with production scheduled for early 1969 and ultimate capacity 6,000 tons per day. A belt conveyor on the 2400-foot level will carry the ore 4,800 feet from the Little Stobie operations to the new Frood-Stobie No. 9 shaft, in which it will be hoisted directly into the Frood-Stobie mill coarse ore bin.

No. 1 shaft, on the right in the picture, will be a concreted service shaft with stations every 200 feet from the 400-foot level to the 2400 level. It will have a 175-foot concrete head tower, in the penthouse of which will be mounted a Koeppel friction hoist. A cage to move men and supplies and a skip to hoist development rock will be operated in the shaft.

Initially used for development of

the Little Stobie mine above the 1800-foot level, the 3-compartment timbered No. 2 shaft will eventually become a ventilation way.

### Nearing Completion

On the last lap of the new mine development cycle is the activity at Copper Cliff North mine, where the massive 178-foot concrete headframe at No. 1 shaft is nearing completion. It replaces the temporary wooden headframe used in sinking the shaft to the 4000-foot level and carrying out an extensive underground development program, principally above 1400 level.

Still to be constructed at Copper

Cliff North are office and change-house facilities.

Production through No. 1 shaft is scheduled to start early in 1968, with an ultimate capacity of 6,000 tons per day. Ore will be transferred by a conveyor running from the headframe to the secondary crushing plant now serving the Clarabelle open pit operations.

Two hoists will service the shaft, one operating a cage for men and supplies, with counterweight in balance, and the other hoisting two 15-ton skips in balance. In depth capacity the latter will be second only to the new hoists at Creighton No. 9 shaft, among Inco hoisting installations.

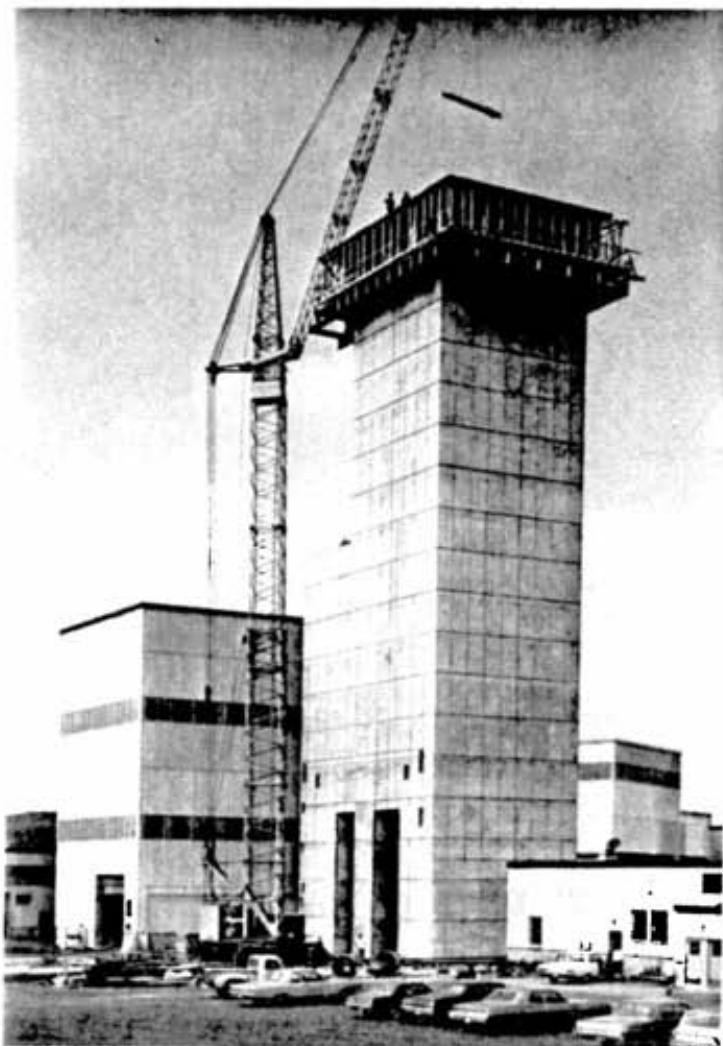
No. 2 shaft at Copper Cliff North, which is currently serving as a development shaft with its temporary surface plant, will con-

tinue on this basis through 1968, but will ultimately become the permanent airway for the mine.

## Ed Dupuis Gets \$600 In Suggestion Awards

Ed Dupuis has been a crane man for 50 years, 34 of them with Inco. "It all started when I was 15," recalled Ed. "I didn't get through the gate to apply for a job at Algoma Steel at the Soo. I was tall but skinny as a beanpole so I didn't have much trouble sliding under the fence. As luck would have it they needed a crane operator, and I got the job."

Ed was born in Massey in 1902, and worked at his job in the Soo until 1931. Depression times left him idle for the next two years,



178-FOOT HEADFRAME NEARING COMPLETION AT COPPER CLIFF NORTH



Mr. and Mrs. Dupuis

but in 1933 he climbed aboard his trusty bicycle and covered the distance between the Soo and Sudbury in 13 hours. "And it wasn't over the good road we've got now," said Ed. "The dust was so bad I had to get off every time a car passed." The trip was a success for he was hired as a crane man in the Orford building.

Since then he has handled the big travelling cranes in the converter and casting buildings.

His marriage to Theresa Limoges of Hull took place in 1926, and they have raised a family of three. Fernand lives in Sudbury, Jacqueline is married to coal plant maintenance mechanic Gerry Rivet, and Marilyn is the wife of converter building mechanic Onesime Belanger. Ed and his wife are grandparents to 11.

Always a keen observer, Ed has earned himself nearly \$600 over the years in the Company's suggestion plan awards. "A fellow can get a pretty good view of what's going on from up there in the crane," said Ed. "That's where most of my ideas were born."

In excellent health, and proud of his four-inch chest expansion, which always surprised the doctors during his regular medical check-ups, Ed will stay active enough tending his four-apartment block on Wembley Drive, Sudbury, with fishing and travelling on the side.





Joining in a toast to Mr. and Mrs. Paradis are Dino Santi, Joe Barnes, Joe Halverson and Dan Torino, a delegation representing Oscar's many friends and associates at Coniston who presented him and his wife with a set of lawn furniture.

## Oscar Paradis Recalls Great Baseball of the '50s

In those great days of Nickel Belt baseball, the early 50s, when Coniston was either winning the championship or else making it extremely difficult for any other team to win it, Oscar Paradis was having the time of his life.

As a key man in the small managerial group that directed the Coniston club, Oscar was busier than a one-armed paperhanger with the hives. Just about every evening was given over to baseball, but no man ever made a more willing sacrifice.

The little town with the big spirit backed its team to the hilt. It had plenty to root about, with such fine players as Art Gobbo, the Moulaison brothers Lou and Paul, the Boyd brothers Bert, Keith and Vic, Mummy Muse, Clarence Fox, Murray Veno, Billy Core, Jim Milne, Tubby Halverson, Neil Asselin, Andy Barbe, Mort Berry, Ron Paquette, Steve McLellan, and others, with Snell Blake and Ross Doucette handling the coaching duties.

Oscar was also active in organizing both shift and little league hockey and baseball in the community.

Now retired on early service pension due to a heart condition, Oscar Paradis enjoys nothing more than chatting about tension-packed moments or humorous incidents in crucial games against Creighton, Copper Cliff, Frood and Shamrocks.

Oscar was born at Riviere aux Renards, in picturesque Gaspé County of Quebec, but never got around to enjoying the scenery because he took off with his family for Sudbury in 1904 when he was only six months old. His father was a section foreman on the CPR, and they lived in a house at the corner of Dufferin and Pine Streets. When they moved to Romford in 1911 Oscar attended school in the Jubilee Hall in Coniston, where the Michaud Drug Store is now located.

Starting with Mond Nickel in 1923, he got experience in all departments of the smelter before being transferred two years later to the stores department. He was appointed storekeeper in 1930, the position he held until retirement.

He was married in 1938 to Jeanette Lemieux of Schreiber, a graduate nurse. They have four sons, George, Maurice and Wilfred, all of Sudbury, and Oscar Jr. of Cooksville, and two grandchildren.

## Nick Steresinich

Nick Steresinich started first with Inco at Port Colborne in 1929, but was caught in the curtailment of operations in October, 1930, and it was not until 1936 that he returned to the anode department. He was a furnaceman helper at the time of his recent retirement.

Nick was born in Karlovac, Yugoslavia, in 1903. After a year's military training in 1926, he decided to come to Canada, and headed for the western provinces to work in the harvest.

Nick married Maggie Topolovits in 1931 at Welland. Their son, Steve, resides in Niagara Falls, and daughter Mary (Mrs. Ruka-

vina) in Toronto. Six lively grandchildren complete the family.

In discussing his retirement plans, Nick indicated he and his wife would remain in this area and just take things easy. A little



Mr. and Mrs. Steresinich

leisurely fishing will become Nick's main preoccupation while his wife looks after the flower gardens around their home.

Anode department superintendent Norm Hillier and assistant to the manager Charles Ott thanked Nick for his long service to the Company, wishing him and his wife a long and happy retirement.

## Fred Burgess

Born in Eastborn, England in 1902, Fred Burgess came to Toronto as a lad of 10, and moved with his family to a farm in Moulton Township the following year.

He worked on a fishing boat for 12 years, then farming lured him to South Cayuga where he re-



Mr. and Mrs. Burgess

mained for five years before deciding to enter industry. Fred worked for a brief period at a chemical plant in Port Robinson

and also on construction, prior to joining Inco as an ironworker helper in 1942. All of his time with the Company was worked with the ironworkers in the mechanical department.

Elizabeth Cook of Wainfleet became Fred's bride in July, 1932. They are proud of their family of four daughters, two sons and 16 grandchildren.

A purse of money was presented to Fred at a gathering in the mechanical department. He was thanked for his loyal service to the Company by Chris MacPhail, mechanical superintendent and C. H. Ott, assistant to the manager.

## Ettore Bortolotti

Retired after 30 years with Inco, service pensioner Ettore Bortolotti now spends many happy hours tending his vegetable garden. A



Mr. and Mrs. Bortolotti

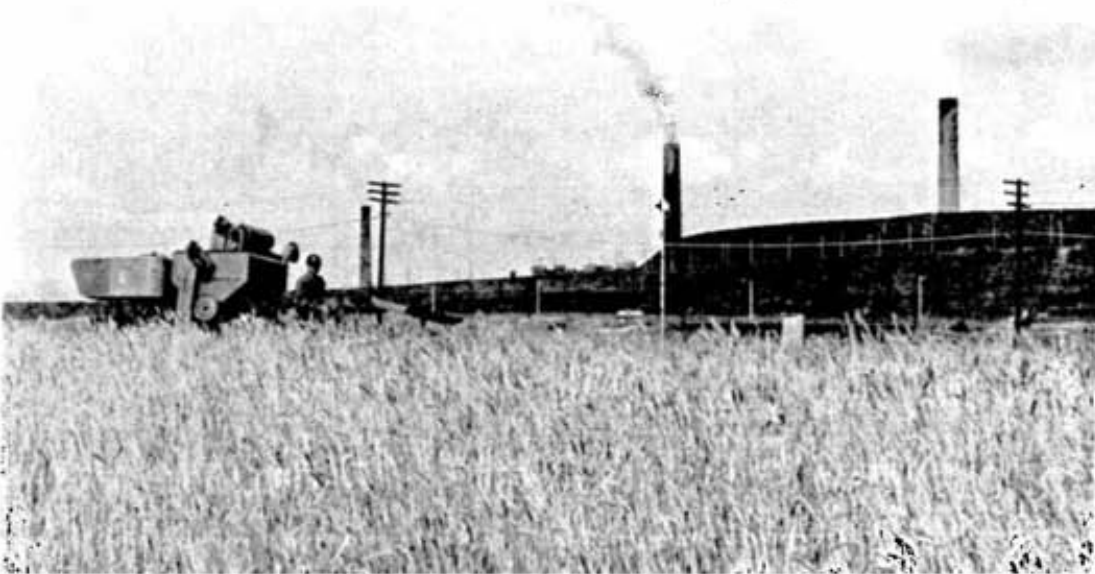
bicycle fan, he says "It's good exercise, but with all the cars and trucks on the roads these days, it's a pretty hectic pastime."

Ettore has worked as a dryman at the Copper Cliff smelter No. 2 dry since 1942.

Born in Maino, Italy, in 1902, he first came to Canada and Sudbury in 1924, but returned to farm in Italy. Back he came to Canada in 1937, worked for a short while at the Copper Refinery, then moved to the smelter.

Ettore married Carmela Molino in 1932. Their family of two live in Sudbury; Sylvano is a lab technician and Mary, a high school teacher, is married to Mario Certussi. They have four grandchildren.

## Harvest Scene Across Road from Smelter Eye-Opener for Tourists



Travellers on Highway 17 west from Sudbury were somewhat astonished to see a combine harvesting a fine stand of rye immediately across the road from the Copper Cliff smelter. A "nurse crop" to protect newly sown grass during its first year of growth in a stretch of barren clay area bordering the highway, the grain will be used for seed in further such reclamation projects in the continuing program of the Inco agricultural department. Manning the combine is Swante Rautiainen.

## Seen by the Triangle Camera During a *Walk-About at Thompson*



IN THE MILL LAB a pair of university students, two of some 114 employed for the summer at Thompson, were running tests on the flotation behavior of Pipe mine ore samples. Bob Reynolds, nearest camera, is in fourth year metallurgical engineering at the University of British Columbia and Neil Gilbert in fourth year general B.Sc. chemistry at the University of Calgary. The flotation machine shown is a lab model of the type that will be installed in the upcoming mill extension.



ADJUSTING the oil and air feed on the gleaming new 45,000-lb. steam boiler in the compressor building was Bert Moore, stationary engineer 2nd class, who came from Flin Flon to Thompson in 1960, is married and the father of three.



BILL BOYCHUK was seen transferring matte from a smelter holding furnace to the anode ladle car. Bill has been with Inco for over five years, previously farmed at Yorkton, is single.



IN THE MACHINE SHOP Ed Gaertner, a 1st class mechanic, was replacing the impeller in the course of overhauling a refinery pump. Ed came to Canada from Germany 11 years ago, has been with the Company at Thompson since 1961, is married with two children.



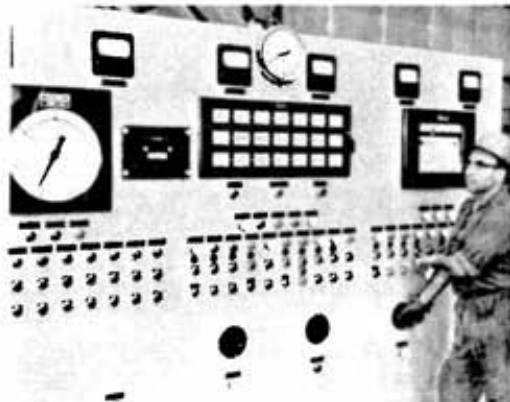
JOSE MONTEIRO is quite an "old-timer" at the Thompson plant, having come from Lisbon, Portugal, seven years ago. He is married, with two children. A 1st class electrician, he was inspecting the standby generator for the main control of the H<sub>2</sub>S system in the refinery.



WEIGHER in the shipping department, Gilbert Cure was seen preparing a 3400-lb. box of 4x4 electrolytic nickel for shipment to the hungry market. Gilbert, who is married with four daughters, came from St. Pierre, Manitoba, worked for two and a half years in the refinery tank-house before transferring to shipping.



ROY MacDONALD was the man at the controls of the Koepple hoist high up in T-3 shaft headframe. He was a hoistman at Britannia Beach, B.C., before joining Inco two years ago. He was raised in Flin Flon, is single, likes fishing, boating, and curling.



AT THE CRUSHER CONTROL panel in the mill was operator Joe Coelho, starting up no. 5 conveyor, located three floors above on the feeder floor. Joe came to Inco from Portugal five years ago, is married with three children.



TAKING A CALL from a skiptender reporting some problems on a 2000 level was T-1 shaft topman Alf Petersen, who had never seen a mine until he joined Inco 5½ years ago. He came from Germany in 1958, is married with two daughters, is building a summer cabin at Paint Lake.