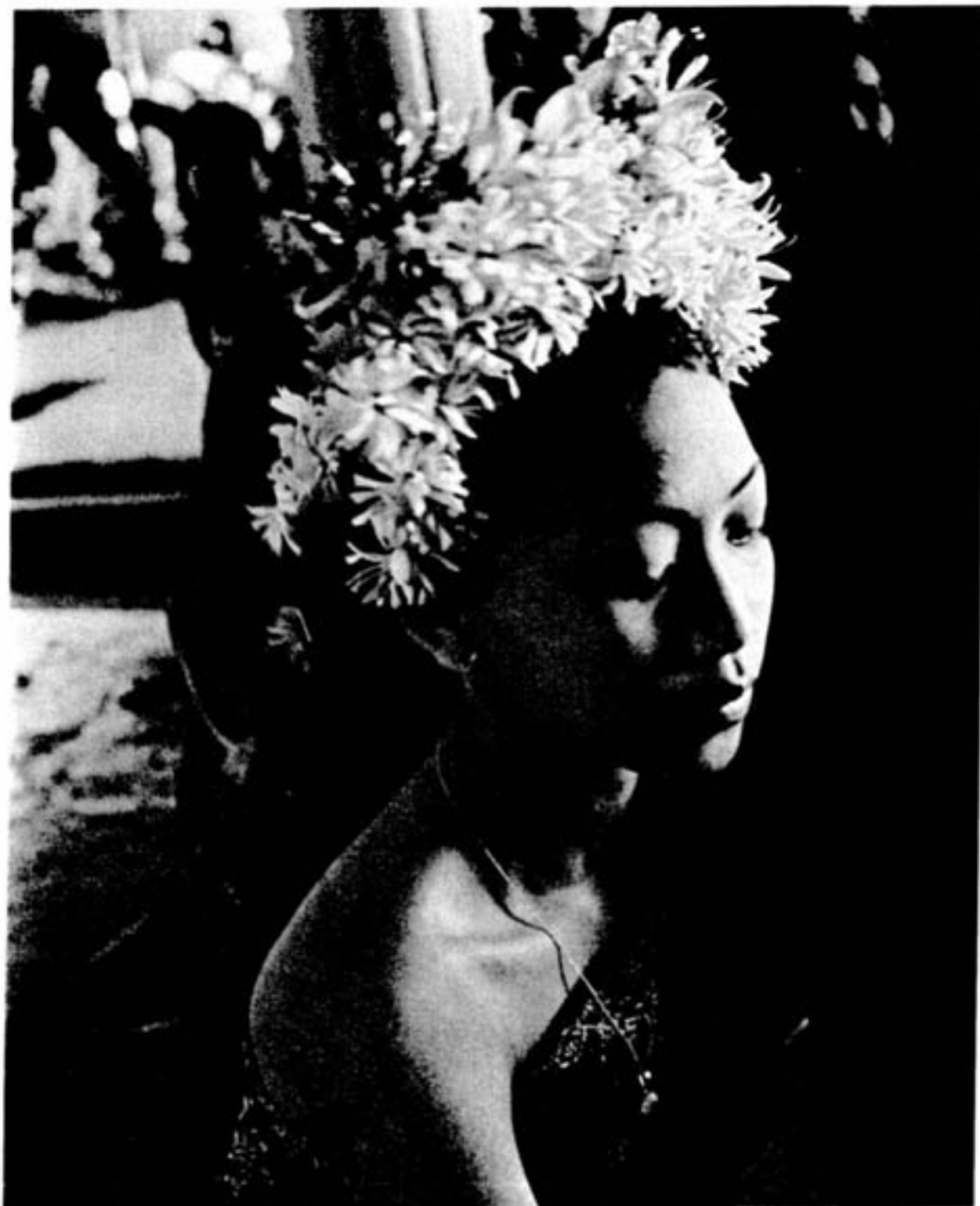




VOLUME 28

COPPER CLIFF, ONTARIO, SEPTEMBER, 1968

NUMBER 6



*Inco a Partner in the Exotic East*

(See story Page 8)



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

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## Managerial Appointments Announced

In recognition of the needs created by expanding operations, the following appointments in the Ontario division of The International Nickel Company of Canada, Limited were announced August 27 by P. Foster Todd, executive vice-president:

**G. O. Machum**, assistant general manager (processing).

**G. R. Green**, assistant general manager (mining).

**D. A. Fraser**, assistant general manager (administration).

They will report to J. A. Pigott, assistant vice-president and division general manager (Ontario).

Mr. Machum will assume direct line responsibility for the direction and performance of all processing and related activities located within the division. These will include reduction, copper refining, nickel refining, iron ore recovery, general engineering, electrical-mechanical engineering, special projects, and the newly-created process technology department. The head of each of these activities will report directly to Mr. Machum.

Mr. Green will be directly responsible for the direction and performance of all mining activities located within the division. He will continue to have responsibility for mines engineering and, in addition, will be directly responsible for mines exploration, formerly identified as mines geology.

Mr. Fraser will be directly responsible for industrial relations, purchasing, data processing, and community and public relations. The head of each of these activities will report directly to him.

### G. O. MACHUM

Mr. Machum has been assistant division general manager (Ontario) since May 1967. He joined International Nickel in 1949 at the Company's copper refinery and in 1957 was appointed assistant to the manager there. In 1959 he transferred to the Port Colborne nickel refinery as assistant to the



G. O. Machum



"You gotta admit he's safety-minded."

### G. R. GREEN

Mr. Green has been manager of mines, Ontario division, since May 1967. A native of Ottawa, he first



G. R. Green

joined International Nickel in 1937 but left in 1946 to attend Queen's University, from which he graduated in 1948 with a B.Sc. degree in mining engineering. He rejoined the Company as a foreman at Levack mine, was general foreman at Stobie and Creighton, then assistant superintendent at Murray and at Frood. He was appointed assistant to the superintendent of mines in 1962, and superintendent of mines in 1964.

### D. A. FRASER

Mr. Fraser has been assistant to the division general manager (Ontario) since June 1965. He



D. A. Fraser

joined International Nickel in April 1942 in the efficiency department of the reduction works. In 1946 he became assistant plant metallurgist and in 1953 assistant to the manager of reduction

plants. He was assistant mill superintendent from 1956 until his appointment in 1960 as assistant manager of reduction works. A native of Copper Cliff, he graduated in metallurgy from Queen's University in 1942.

## New Appointments in Inco Exploration Dept. Made By President

The following appointments in International Nickel's corporate exploration department were announced August 27 by Albert P. Gagnebin, president:

**R. R. Taylor**, director, field exploration;

**B. E. Souch**, manager, mine exploration;

**T. Podolsky**, manager, geological research.

Each of these positions is newly established and the incumbents will report directly to H. F. Zurbigg, vice-president, exploration, and will be located in Toronto.

### R. R. TAYLOR

Mr. Taylor, formerly assistant director of exploration, will be responsible for all activities of the exploration department



R. R. Taylor

which relate to the search for ore outside of Company mines or Company mine environments. His responsibilities include the planning, coordination and direction of worldwide field exploration policies and programs with the

objective of providing adequate ore reserves to the Company.

He joined International Nickel in April 1948 in the geological department at Copper Cliff as a geophysicist. In 1962 he transferred to Toronto as chief geophysicist and assistant chief geologist.

In September 1967 he was also appointed assistant vice-president of the Canadian Nickel Company Limited (International Nickel's exploration subsidiary), a position he still holds.

Mr. Taylor graduated from the University of Toronto in 1948 with the degree of B.Sc. (geophysics).

### B. E. SOUCH

Mr. Souch, formerly chief geologist, Ontario division, will be responsible for establishing policy and for coordination of the activities of all mines exploration departments. His responsibilities will include the development of policies, practices and procedures with respect to exploration activities at all of the Company's mine environments in their efforts



B. E. Souch

to increase ore reserves. He will also be responsible, in collaboration with other members of the exploration department, for the establishment of criteria which will help guide future exploration programs.

Mr. Souch received a degree in mining engineering from the University of Alberta in 1931, followed by a master's degree in geology in 1933. He joined the Company in 1934 at Frood mine, where he became senior geologist.

He was transferred to the geological department at Copper Cliff in 1945, was appointed assistant mines geologist in 1947, and mines geologist in 1956.

### T. PODOLSKY

Mr. Podolsky, formerly research assistant to the chief geologist, will be responsible for geological



T. Podolsky

research and related scientific activities including the conception and direction of research programs to provide geological information to assist exploration planning, the recommendation of technical standards for geologically-oriented exploration activities, and the development of technical information pertinent to the planning and execution of exploration programs. All research and assaying laboratories of the exploration department also will be under his direction.

Joining International Nickel at Copper Cliff in 1954 as assistant research geologist, Mr. Podolsky became research geologist in 1957 and area geologist in 1962. He transferred to the J. Roy Gordon research laboratory at Sheridan Park, Toronto, in 1966 as research assistant to the chief geologist.

# INCO FAMILY ALBUM



This is the family of Gino and Ida Baldisera of Coniston. A mason at the Coniston smelter, Gino has worked for Inco since he joined the Company as a tuyere puncher in 1939. He was transferred to the Copper Cliff smelter converter aisle in 1942, returned to Coniston in 1947. Their happy, healthy-looking children are Norm, 20, a student at Cambrian College, Mark, 11, David, 16, and Shelley, 6. A member of the Coniston band for many years, Gino's favorite form of relaxation is playing his clarinet.



Stobie mine stope leader Gordon Roberts has worked in both smelting and mining operations during his time with Inco. He joined the Company at the Copper Cliff smelter in 1952, worked in the sinter plant for two years before moving to Frood, and shifted over to Stobie in 1957. He and his wife Alberte and their brood of five live in Blezard Valley and enjoy the open countryside that provides them with a golf driving range right at their back door. The youngsters are Daniel, 5, Maurice, 10, Liliane, 13, and Paul and Pauline, 8.



Haulage truck driver Gino Cacciotti and his family are Clarabelle open pit's representatives in this month's album. Gino left Carpineto, Italy, for Canada in 1951, joined the Company at the Iron Ore Plant in 1957, turned his hand to mining at Frood in 1963, and moved to the Clarabelle pit two years later. The four happy young sprouts shown with Gino and his wife Jeannine are Nina, 12, Gino Jr., 17 months, Teresa, 9, and Marcello, 6.

Brown as berries from their camping vacation on Manitoulin Island, this is the young family of Creighton mine safety engineer Paul Parker and his wife Bernadette. Graduate in mining from the University of Toronto in 1958, Paul joined Inco in 1959. He has since worked in the engineering and safety departments at several Inco mines and plants. He was a technical assistant at Copper Cliff before his recent move to Creighton. A native of Rathfrum, County Wicklow, Ireland, his wife Bernadette came to Canada in 1956. Their three bright youngsters are Maureen, 6, Raymond, 9, and John, 3.



All that's missing from this picture of Copper Cliff administrative assistant Don Taylor, his wife Joyce, and their all-girl family is the skill of the bagpipes. Poised in their kilts with the gleaming stainless steel dancing swords their devoted grandfather Nicholas fashioned and polished by hand are Carolyn, 8, and Debbie, 10. Another budding Highland dancer, Judy, is 8, and little Alison is 2. Debbie won a bronze medal at the Cobourg Highland Games in her first try at competitive dancing in 1966. Both parents are natives of Winnipeg, where Don practiced law until he joined the Company's Manitoba division in 1961. He transferred to the Ontario division in 1962.

It was in 1951 that Oskar Kopczinski left Litzmanstadt and his native Poland to come to Canada, and in 1952 when he started with the Company in the electrolytic department at the Port Colborne nickel refinery. Oskar's wife Wanda also left Poland in 1951, they met on this side of the water, and now have a fine family of three. Rolfe is 7, Monica, 2, and Paul, 10.







All items of permanent equipment, totalling many thousands and ranging all the way from the huge electric shovels at the open pit down to the lowliest sump pump, are identified by the property and insurance section with a numbered metal plate. Here John Flynn attaches a plate to the new hoist at Copper Cliff North mine, one of the largest hoists at Inco. Recording the identification is Ray Chateaufort.



Chief accountant of the property and insurance section is Pieter Bregman, who in his 40 years with the Company has seen the inventory at Copper Cliff grow from a few hundred typed sheets to a 2500-page volume printed out by computer.

## THEY KEEP TRACK OF THE ASSETS

With International Nickel literally "bustin' out all over" as it gears up its Canadian production capability toward the goal of 600 million pounds of nickel a year by 1971, business is brisker than ever in the property and insurance section of the accounting department at Copper Cliff.

Property and insurance is the section where the score is kept on the Company's multi-million dollar assets in the Sudbury district by maintaining an accurate permanent record of all construction costs and purchases of equipment. Similar sections operate at Port Colborne and Thompson.

This job is one of staggering scope and detail. In the property and insurance section's office at Copper Cliff are recorded the pedigrees of every building and item of permanent equipment at Inco operations in the Sudbury district. The information is all there, available at a moment's notice, including date of purchase or construc-

tion, cost details, name of vendor or builder, plant location, and any other pertinent reference.

### Astronomical Quantities

A sampling of the records in those files brings up some startling figures. There are 12,000 electric motors, ranging from one-quarter hp to 9,000 hp. There are over 2,600 pumps in the surface and underground operations. There are 2,500 ore cars and 200 locomotives down in the mines. There are more than 100 cranes of one size or another. There are miles of shaft timbering, acres of flotation and electrolytic tanks.

Add in all the drills, the load-haul-dump machines, skips and



Bert Bond (right) discusses with Gord Poulton some phases of maintaining accounting control of the Company's capital assets by careful examination of all charges made by the contractors engaged in new construction projects.

Contract accountant Tom Newburn verifies the accuracy of charge accounts and supervises their payment. He maintains a complete record of payments made to all major contractors in the area, of which there are more than 100 doing business with Inco.



El Umpherson (left), a veteran of the property and insurance section, is shown calculating the tax classifications of an expenditure forecast for the next three years. On the right John Forsey explains to Tammi Ryhkin the distribution of charges for rented mobile equipment brought in for special construction jobs.



cages, hoists, electric shovels, grinding mills, furnaces, railway tracks and rolling stock, hot metal cars and slag cars, chimneys as tall as 637 feet, power plants — the list seems endless — and top it off with 500 permanent buildings including the longest grinding aisle and the longest converter aisle in the world. It's no wonder that the Copper Cliff inventory — exclusive of the warehouse supplies for current operating requirements — totals more than 100,000 items. And is growing daily by leaps and bounds.

A grateful nod here to the computer: in earlier times the inventory, although amounting to only a few hundred pages, took a month or more to type. Nowadays it's a big volume of 2,500 pages, but the computer prints it out in two hours.

The work of the property and insurance section isn't just compiling and keeping up to date a record of the buildings and machinery involved in the mines, processing plants and other activities of the world's biggest nickel enterprise, massive an assignment though that is.

Another of its functions is to keep in close touch with the engineering departments on the progress of all special order projects. These special expenditures may involve extensive mine developments such as the new Creighton No. 9 shaft, plant additions such as the current addition to the copper refinery, or building an entirely new plant such as the projected new IPC (Inco pressure carbonyl) refinery. Or they may cover less extensive undertakings such as a new roof on a smelter building or a new electric typewriter.

#### \$7,000,000 a Month

At time of writing there are approximately 120 of these special order projects underway, of which 93 will be completed this year. They involve expenditures averaging over \$7,000,000 a month, and are expected to hit \$10,000,000 a month next year.

Progressive monthly reports on each project are prepared for the management, analyzing and classifying all expenditures.

Members of the P&I staff must design a separate chart of accounts for each project, based on the engineering department's estimates,



Continuous liaison is maintained by the property and insurance section with the general engineering department and with the contractors on major construction projects to ensure that complete records are kept in accordance with the Company's accounting system. Here Stan Dutchburn (left), assistant chief accountant, confers with Foundation Company's Ben Wakelin (seated), project manager, and Wayne Ure, office manager, at the site of the \$30,000,000 extension to the Iron Ore Plant, now in progress.

and must familiarize themselves with all phases of the contracts. They must then work along in close liaison with the contractors at the job site.

The \$30,000,000 addition to the iron ore plant, now underway, can be taken as a typical example of the P&I section's part in a major project. First the contractor's pay-

roll procedures, cost records, etc., are set up to be compatible with the Company's computerized accounting methods. Then some 300 different account numbers are allocated to the project, and to these are charged the costs of constructing or installing every facility in the new plant. Progress of the

Continued on Page 12



Alex Burns is on the phone to Toronto, explaining to the geological department there the distribution of expenditures for a current exploration activity, costs of which are compiled by the P&I section.



Dave Bradley makes his calculator hum as he prepares a writeup of additions to the property inventory, which are coming thick and fast in these expansion days.



## The Judge's Report

Home grounds in the various Inco towns of the Sudbury district have again been judged by Thos. Vickers of Sudbury, assisted by members of the Company's agricultural department, and prizes awarded in the annual gardening competition.

More gardens won recognition this year, particularly in Copper Cliff, Coniston and Creighton Mine.

Mr. Vickers commented on the many really outstanding displays he saw in his judging tour. He was also particularly impressed with the uniformly high quality of the home grounds on Walter Street in Coniston.

Generally he found home grounds in all the towns to be neat, and indicative of continued healthy general interest in gardening.

*Certainly one of the most delightful summer spots in the Nickel Belt is this old-fashioned garden at the home of Mr. and Mrs. Henry Klitsgaard, 23 Church Street, Levack. The view from the elevated patio and barbecue at the back, part way up the pine-canopied slope, is a constant source of pleasure to the Klitsgaards.*

*As perennial as many of the beautiful flowers they grow are Mr. and Mrs. Bert Squirrel of Lively when it comes to winning prizes in the annual Inco gardening competition. Their artistically planned home grounds at 241 Twelfth Avenue, planted with the expert's touch, invariably present a brilliant semi-formal display that earns them top acclaim.*







Nickel Park at Copper Cliff presented its usual carefully groomed appearance this summer, brightened by many colorful flower beds. Once again the Company's agricultural department could take a bow

for this inviting vista. As usual the miniature golf course was very popular.

## Annual Inco Garden Competition Awards

### COPPER CLIFF

C. W. Wilkin, 20 Cliff St., \$20.00; J. N. Metekite, 8 Cobalt St., 15.00; R. A. Stoddart, 8 Clarabelle Rd., 10.00; P. W. Savage, 14 Power St., 9.00; R. M. Thomas, 12 Clarabelle Rd., 8.00; L. Hamilton, 14 Jones St., 7.00; J. R. Clark, 6 Granite St., 6.00; and the following awards of \$5.00 each: R. C. White, 4 Church St.; C. W. Ferguson, 14 McNevin St.; J. R. Urwin, 13 Cliff St.; George Charland, 24 Balm St.; R. A. Corless, 10 Power St.; M. W. Lemke, 28 Power St.; Charles Malin, 31 Power St.; A. Nickel, 7 Granite; Lorenzo Zanetti, 27B Dierite St.; T. C. Robertson, 27 Cobalt St.; Norman Temple, 15 Poplar St.; J. C. McQuillan, 41 Evans Rd.; Lotien Matier, 15 McNevin St.; N. M. Busschaert, 18 Cliff St.; Emilio Marcon, 22 Union St.; P. R. Matie, 24 Cobalt St.; G. D. Watson, 1 Cobalt St.; W. E. O'Brien, 94 Balm St.; J. O. Rickaby, 3 Market St.; P. H. Burnett, 40 Power St.; R. J. Poirier, 29 Power St.; Sulo Martin, 10 Finland St.; N. T. Gauthier, 4 Evans Rd.; R. D. Leask, 2 McNevin St.; N. A. Cret, 2 Granite St.; Robert Bell, 12 Oliver St.; Mrs. Evelyn Fox, 14 Jones St.; Guido Longestini, 28 Dierite; W. A. Beatty, 19 Power St.; T. O. Gladstone, 17 Power St.; Thomas Duff, 13 Finland St.; J. W. Lamacraft, 29 Granite St.; Elmer Zinke, 24 Dierite St.; N. Myronuk, 18 Orford St.; W. O. Chandler, 4 Cobalt St.; H. F. Stewart, 26 Cobalt St.

G. D. Henry, 23 Cobalt St.; J. Kania, 92 Balm St.; E. M. Grace, 87A Balm St.; E. Kurney, 7 Market St.; N. F. Ogilvie, 30 Power St.; N. Stromberg, 13 Power St.; Alex Sato, 2 Poplar St.; Mrs. Malvina O'Reilly, 26 Poplar St.; J. A. Phillips, 22 Poplar St.; P. H. Clark, 13 Poplar St.; J. L. Roy, 50 Evans Rd.; P. E. Semler, 29 Evans Rd.; W. W. Guthrie, 10 Church St.; Howard Preilly, 12 Church St.; B. J. Alderson, 19B Church St.; William Montgomery, 40 Peter St.; J. H. Elliott, 18 Nickel St.; K. L. Prillauer, 23 Nickel St.; G. A. Bruce, 11A Nickel St.; W. J. E. Gladstone, 15 Nickel St.; T. P. Simma, 3 Oliver St.; G. Thompson, 7 Oliver St.; B. R. Powell, Oliver St.; H. M. Montgomery, 2 Oliver St.; W. L. Taylor, 8 Kent St.; R. Gunning, 4 Kent; E. Deacon, 2 Graham St.; W. S. Lawton, 1 Jones St.; Ronald Heale, 14 Cliff St.; Michael Rogers, 22 Dierite St.; Zelinda Vendramon, 27A Dierite St.; Luigi Amadio, 61 Dierite St.; Remo Canapini, 63 Dierite St.; Eugenio Minardi, 6 Milan St.; Domenico Ghetti, 8 Basilio St.; Giovanni Vientime, 25 Craig St.; E. Bulfinch, 15B Florence St.; E. A. Marcon, 10 Florence St.; G. N. Bodson, 12 Union St.; C. R. Stemp, 1B Orford; W. E. Boyle, 2 Orford

St. John Livingstone, 18 Orford St.; W. J. Yrjola, 14 Poland St.

### LEVACK

H. Klitzgard, 23 Church St., \$20.00; W. C. Bragg, 27 Birch St., 15.00; A. S. Wyper, 68 School St., 10.00; Jacob Kieniewski, 49 Pine St., 9.00; A. D. Cucksey, 8-3rd Ave. N., 8.00; John Drohan, 33-4th Ave. N., 7.00; P. T. Crome, 10 Nickel St., 6.00; and the following awards of \$5.00 each: N. Ribic, 8-1st Ave. St.; P. Jusienas, 719B Warsaw St.; Mrs. Sam Emileff, 710A Warsaw St.; Rawleigh Aslick, 8 Riverview St.; Nester Karpiak, 26 First Ave. N.; O. L. Koller, 26 First Ave. N.; J. Maliek, 10 First Ave. N.; J. G. French, 75 First Ave. N.; R. Purvis, 130 First Ave. N.; Cecil Shaller, 45 Poplar St.; L. O. Puro, 17-3rd Ave.; A. L. Armstrong, 18-3rd Ave.; R. B. Meier, 24-4th Ave.; Frank Larysen, 15-4th Ave.; R. G. Tulloch, 24-3rd Ave.; R. H. Pettit, 106 Fir St.; M. Piroche, 99 Oak St.; M. T. Callaghan, 90 Mountain St.; B. P. Forest, 4 Copper St.; Yrjo Leino, 20 Warsaw St.; Andrew Crawford, 42 Nickel St.; J. E. Bailey, 40 Nickel St.

### CREIGHTON

H. H. Smith, 13 Churchill St., \$20.00; R. H. Barbeau, 19 French St., 15.00; Joe Grivich, 11A Albert St., 10.00; T. B. Murphy, 55 Wavell St., 9.00; John Myrick, 18 Snider St., 8.00; Joseph Fortune,

12 Churchill St., 7.00; C. E. Briggs, 17 Wavell St., 6.00; and the following awards of \$5.00: Antikni Silverson, 14 Copper Cliff Rd.; John Babin, 23 Albert St.; K. Conzantini, 33 Copper Cliff Rd.; Alex Oulache, 19 Lake; N. P. Russell, 1B Snider St.; James Hutton, 31 George St.; J. E. Moore, 43 Wavell; F. Gofro, 10A Lake St.; J. K. Jones, 1A Snider St.; William Oja, 2A George St.; Tomo Zupanch, 25 Miller St.; Hugh Ferguson, 26 Wavell St.; L. D. Joly, 28 Copper Cliff Rd.; Walter Lasowik, 28 Copper Cliff Rd.; Arvo Jantti, 12 Lake St.; B. Kuckynski, 15 Lake St.; Henry Farrell, 28 Lake St.; D. F. Shannon, 19 Snider St.; W. C. Moore, 17 Snider St.; Matti Hreljac, 13 Albert St.; G. W. Lynn, 34 Wavell St.; G. Stephens, 27 Wavell St.; J. B. Smith, 7 Lake St.; V. Gutfahr, 28 Snider St.; A. Kiszkiewicz, 7B Snider St.; V. B. Dumenou, 46 Alexander St.; L. M. Lehman, 9 Edward St.; Giuseppe Biasina, 17 George St.; T. Walne, 7 George St.; Ignacy Gasiorowski, 9B Albert St.

### LIVELY

H. J. Squirell, 243-12th Ave., \$20.00; W. J. Koch, 244-11th Ave., 15.00; Mrs. R. A. Elliott, 228-10th Ave., 10.00; C. P. Sartor, 569 Queen Elizabeth, 9.00; J. E. Treasure, 236-10th Ave., 8.00; G. F. MacDonnell, 312-11th Ave., 7.00; Robert Pascoe, 334-10th Ave., 6.00; and the following awards of \$5.00 each: Earl McMullen, 542 Main St.; J. C. Bingham, 279 Birch St.; Sandy Hoshinka, 258-10th Ave.; Frank Kuchinski, 228-9th Ave.; L. B. Thompson, 227-11th Ave.; S. F. Gaul, 258-12th Ave.; Edward Grefman, 303 Birch St.; E. Plante, 237-7th Ave.; V. P. Kolva, 220-10th Ave.; W. E. Friezel, 207 Birch St.; J. Dyck, 205-1st Ave.; R. W. Brown, 205-2nd Ave.; J. H. Tuttle, 218-4th Ave.

A. O. Ahonen, 277-6th Ave.; Walter Hayduk, 282-7th Ave.; Vernon Blair, 254-9th Ave.; M. C. Koskiaz, 252-11th Ave.; H. C. McDonald, 254-12th Ave.; J. E. Jennings, 262-2nd Ave.; H. Wiggeshoff, 214-2nd Ave.

G. Regeious, 281-6th Ave.; Armas Lampi, 281-7th Ave.; C. R. Byers, 282-7th Ave.; Howard Lyons, 244-8th Ave.; Chris Bischoff, 290-9th Ave.; R. C. Spriggs, 234-6th Ave.; J. C. Hunter, 240-11th Ave.; R. W. J. Reeves, 251-12th Ave.; A. K. Young, 297 Birch St.; Allan Simpson, 182-6th Ave.; D. J. Wing, 184-6th Ave.; Nathan Utley, 546 Charles St.; G. O. Foy, 207-1st Ave.; Mrs. Esther Currie, 202-1st Ave.; O. A. Perreault, 224-3rd Ave.; O. A. Heale, 226-3rd Ave.; G. J. Legault, 227-4th Ave.; D. R. Robertson, 229-6th Ave.; O. W. Andrews, 201-6th Ave.; J. M. Bailley, 246-8th Ave.; J. Bidel, 242-9th Ave.; Graham Squirell, 236-9th Ave.; George McCrae, 229-10th Ave.; R. Coates, 245-10th Ave.; P. H. Waller, 246-10th Ave.; L. B. Forth, 220-11th Ave.; J. R. Murphy, 286-11th Ave.; Veikko Riutta, 254-11th Ave.; J. L. Hurston, 293 Ash St.; J. Archibald, 192-9th Ave.; John Twardy, 183 Margaret St.; William Sandburg, 541 Queen Elizabeth St.; N. L. Anderson, 623 Queen Elizabeth St.; A. C. Wolff, 547 Queen Elizabeth St.; D. J. Dixon, 578 Queen Elizabeth St.; J. E. McIllock, 546 Main St.; S. E. Dunn, 549 Main St.; Leonard Turner, 506 Main St.; L. C. Nicholls, 582 Main St.; D. W. Bradley, 506 Main St.; N. D. Burke, 258-11th Ave.

### CONISTON

Giovanni Fedat, 106 Caruso, \$20.00; Arthur Martinello, 108 Caruso, 15.00; Victor Brunatto, 10 Thomas, 10.00; Dino Oliver, 8 Thomas, 9.00; Baptista De-

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Friendly rivals for top honors in the Inco garden competition at Coniston were next-door neighbors. Mr. and Mrs. Giovanni Fedat (foreground) at 106 Caruso Street, who won first prize, and Mr. and Mrs. Arthur Martinello at 108 who placed second. Both homes reflected their owners' civic pride and love of floral beauty.



In this ingeniously terraced rice field, typical of Indonesia, a single stream of water floods each terrace before descending to the next level.



Wearing his ornate ceremonial headdress of exquisitely fashioned beaten gold, a Buddhist priest offers prayers.



With easy grace a young Indonesian girl carries a bowl of ceremonial offerings, mainly bananas, mangoes, and papayas.



**Historic Event** Formal signing of a contract between the government of Indonesia and The International Nickel Company of Canada, Limited, took place in Djakarta on July 27. Signing for Indonesia was Prof. Dr. Ir. Soemantri Brodjonegoro, minister of mining, and for Inco was Henry S. Wingate, chairman of the board of directors. Second from the right among the officials in the background is one of the Inco representatives, C. E. Michener of Toronto, vice-president of Canadian Nickel Company, Limited, Inco's exploration subsidiary.

## Inco Goes to Indonesia

The exotic East came within the ken of all International Nickel employees with the announcement that the Company had signed a contract with the Government of Indonesia on July 27 to work toward the establishment of a nickel-producing project on the island of Sulawesi.

The agreement was consummated at Djakarta, Indonesia's capital city on the island of Java. Henry S. Wingate, chairman and chief officer who signed on behalf of Inco, stated that P.T. International Nickel Indonesia will carry out exploration and, if economic, the development of nickel deposits on the island of Sulawesi.

Along with the Company's undertakings in Guatemala and in New Caledonia, the announcement points up International Nickel's growing emergence as a multinational producer as well as marketer.

### 25,000-Square-Mile Area

"Work will begin promptly with a general survey and exploration of the area, comprising some 25,000 square miles, to determine the size, location and nature of the deposits and the feasibility and most efficient means of developing them," Mr. Wingate said. "The size and timing of production from this project cannot be predicted until the extensive survey and exploration work are completed."

"Exploration expenditures in Indonesia will begin immediately, and although total investment depends very much on the result of the evaluation studies, the project

may well involve investment running between \$100 and \$150 million in Indonesia over a period of years.

"This new venture has as its purposes increased nickel supply for the world and an important new economic resource for Indo-

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An old man portrays a court minister in a Topeng Play, one of the classical forms of Balinese art. His mask is carved from a solid block of wood.

**ON THE FRONT COVER:** a beautiful Balinese girl in ceremonial dress.



The old and the new in Indonesia: bejbas passing the modern Indonesian Hotel.





# Off-the-Job Safety



Grest Andrews

## Firearms and Hunting Safety

(Prepared by the Inco Safety Department)

Today, as never before, we have become aware of the need for effective firearm control in our society. While better legislation is being sought by our representatives in government, we have a very important part to play in the control of firearms in our own homes. By reviewing and learning the proper methods of handling these weapons, we will effectively reduce the number of fatalities due to accidental shootings.

Most people think of hunting or target shooting when firearms accidents are mentioned. The time that a hunter spends in the field or a marksman spends on a target range is relatively short. The remainder of the time, the firearms are kept at home. It should not be surprising then to learn that accidental gunshot fatalities are the fifth ranking cause of accidental death in the home, and outnumber by far the number of such accidents in the field or on the target range. It is necessary for all members of the family to understand the importance of firearm safety.

Excellent courses in firearm handling and safety are available from the Department of Lands and Forests and from local conservation clubs. These courses include lessons in the knowledge of firearms, proper gun handling, good shooting, hunter responsibility, understanding of game laws, game identification, compass and map reading and other related subjects.

The following summary covers some of the highlights of firearm control and other aspects of hunting safety.

### TEN COMMANDMENTS OF FIREARM SAFETY

1. Treat Every Gun As If It Were A Loaded Gun.

This is the primary and, per-

haps, the most important rule for all gun handlers to follow.

2. Always Carry or Handle Your Gun So That The Muzzle Is Under Control At All Times — Pointed In A Safe Direction. By doing this, the hunter controls the muzzle even if he stumbles or trips. Sudden jars sometimes release the trigger. Unless the hunter knows where the muzzle is pointed, he or another may be a casualty.

3. Be Sure Of Your Target Before You Squeeze The Trigger — Know Where Your Shot Is Going.

The hunter should positively identify his target as game (legal game) before he fires. Never shoot at sounds or movements in the bush.

4. Never Point A Gun At Anything You Do Not Want To Kill.

Avoid all horseplay while handling a gun. Guns are not toys and should never be pointed at others even when they are not loaded.

5. Guns Must Always Be Unloaded When Carried Into Camp Or When Not In Use. Action should be opened — or guns taken down — when you have completed the hunt. Take one last check of your gun before entering camp. Guns should be carried in cases to the shooting area.

6. Make Sure Barrel And Action Are Clear Of Obstructions.

If the muzzle touches the ground or other objects, always check for obstructions. Remove oil and grease from the bore before firing. Only carry ammunition for the gun you are using at the time.

7. Unattended Guns Should Be Unloaded.

Guns and ammunition should be stored separately — beyond the reach of children or care-



Lloyd Harting

less adults. During lunch breaks or when chatting with other hunt parties, leave guns aside and unloaded.

8. Never Climb A Fence Or Jump A Ditch With A Loaded Gun. Place gun on the other side of the fence before climbing. Never pull a gun through a fence or other obstruction by the muzzle. Stay out of trees during hunting season.

9. Never Shoot At Flat Or Hard Objects Or The Surface Of Water. No one can control the direction of a ricochet. When sighting-in, be sure your backstop is adequate.

10. Avoid Alcoholic Drinks. Drinking, before or during the hunt, dulls the vision, distorts the aim and impairs the judgement. If you drink, wait until the hunt is over.

It is important to note that if the first three primary rules had been followed, they would have prevented 95% of our hunting accidents.

### DEER HUNTING

1. Wear bright fluorescent orange clothing as it is the most readily identifiable colour in any weather or light.
2. Use coloured handkerchiefs and carry your lunch in brown paper. Hunters have been shot because of the "flash" of white paper or handkerchiefs.
3. When on watch, stay in your position until someone comes to relieve you.
4. Do not hunt through country where another party has set up watches.
5. Allow half an hour to pass before trailing a wounded deer, and make certain that the rest of your party knows your intentions.
6. Use caution when approaching downed game. Make sure the animal is dead before you lower your guard.
7. Drag your deer out of the bush. NEVER carry it on your back. Hunters have been shot while carrying deer.

### DUCK HUNTING

1. Never overload a boat.
2. Never climb in or out of a

boat with a loaded gun.

3. Carry an anchor in your boat at all times.
4. When hunting with a partner from a boat or blind, sit back-to-back so that each has a safe zone of fire.
5. Do not load your gun until you are in the boat or blind.
6. Do not lay down a loaded gun or stand it where it can be knocked down by your dog.
7. If stray shot falls around the blind, do not look up.
8. It is illegal to build blinds closer than 100 yards apart.
9. It is illegal to use a rifle when duck hunting.
10. Use a retriever. It will get wounded birds, thereby aiding conservation and adding to your enjoyment.
11. Collect empty shells — don't be a litterbug.

### MISCELLANEOUS EQUIPMENT

This is a fairly complete list of items that are good to have along. Not only will they make your hunt easier, but should an emergency arise, you will be better prepared to cope with it:

A pair of binoculars. Waterproof matches or matches in a waterproof case. Ten to 20 feet of light but strong rope. Sharp, strong knife or hand axe. Metal mirror for signalling. Topographical map of your area. Compass — but learn how to use it. Chocolate bars, gum, candy, cigarettes, etc. Extra socks and gloves.

### SURVIVAL IN THE WOODS

The best-made plans are no guarantee you will not become lost. You may lose your compass or it may fail to register properly. You may become injured or ill. Any or all of these conditions may delay your return or arrival at the planned destination. Therefore, you must be prepared to be able to survive comfortably for an indefinite length of time.

1. Don't Panic, if you lose your way in the woods. The trees that seem to be closing you in are your best friends. They will supply shelter, fuel and food until you are rescued.
2. Find Yourself. Before you give

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# The Inco Golf Tourney



*Inco tournament golfers putting on the eighth green of the beautiful Idylwyld course, with Laurentian University buildings forming a striking backdrop.*



*Lining up a putt is Allan Harcourt, retired assistant to the vice-president who comes back from Florida every summer to his Lake Ramsey cottage, enjoys the reunion with old friends at the Inco tourney.*



*Hank Derks of the safety department unleashed a terrific iron shot here, but the ball ducked. "Just a practice swing," muttered Hank.*



*In this peaceful scene lurked frustration and despair, as many an Inco divot-digger can attest. No. 1 and No. 3 greens are on the right, No. 2 tee on the left. That little pond and those casual sand traps aren't nearly as innocent as they look.*



## Thirty Years Ago

*Inco's inter-plant golf tournament was inaugurated in 1938. Six four-man teams competed that year, as compared with over 75 in 1968. First winners of the R. L. Beattie trophy were the Copper Refinery with a gross score of 361, compared to this year's winning total of 319. Captain Pete Nazar is seen in the picture on the left receiving the brand new trophy from Mr. Beattie; other team members were Jack Noble, Pete's brother Phil,*



*and Jim Charlton, none of whom are on the local scene today. The other picture shows the first runners-up, the Frood mine team, receiving their prizes from J. W. Gemmell: Jack Higgins, no longer with Inco, Bob Hall of the mines department, pensioner Charlie Price, and the late Bob McAndrew. Port Colborne first entered in 1939 with the team of Finlay Lymburner, Jack Wilson, Glen Winger, and Stewart Augustine.*



General manager J. A. Pigott (left) presented the R. L. Beattie trophy to the exuberant Port Colborne team, Bill Spence, Bob Noyes, Merle Noyes Jr., and Merle Noyes.

## RECORD ENTRY OF 311

# Port Colborne Takes Beattie, Garson Captures the Lambert

By a decisive margin of 14 strokes the Port Colborne nickel refinery team emerged victorious in the annual inter-plant Inco golf tournament at Sudbury's Idylwyde Golf and Country Club on August 10.

Judging by the interest shown in this year's running of the big Inco hit-and-hope classic, what Sudbury really needs is another 18-hole golf course. With shotgun starts, one at 7:00 a.m. and the other at 1:00 p.m., and the tactful use of a shoehorn here and there, the tournament managers succeeded in putting 311 golfers over the course without overcrowding, but that was just about all the traffic would stand. The one regrettable feature of the event was that there were more than 100 entries that had to be turned down.

### Spence Shot a 74

Bill Spence of the Port Colborne team, who recently returned to the Niagara Peninsula golfing fraternity after his long sojourn at Thompson, where he was superintendent of the nickel refinery, showed that his game has lost none of its polish by touring the

beautiful but tough Idylwyde layout in a two-over-par 74, the best score of the day. He tamed the front nine with a one-under par 35, but slipped three over on the way home.

Right on Bill's heels for medalist honors came one of the most consistent stars in the 30-year history of the Inco tournament, Merle Noyes, who posted a 77. Merle's two sons, Bob and Merle Jr., the other two members of the Port Colborne foursome, had 79 and 89 respectively, giving their team a total of 319 and a relatively easy win of the R. L. Beattie trophy.

Runners-up in the main event were the Copper Cliff quarter of Don Ripley, Bill Allan, Mike Shea and Art Silver, who came home with a total of 333. Mike Shea's 78 was the best score for this team. Don Ripley had an 83, Art Silver an 85, and Bill Allan an 87. They were presented with the A. Godfrey trophy.

In the net score event for the E. C. Lambert trophy, in which every team has a sporting chance under the benign influence of the Callaway handicapping system, a Garson mine entry captained by Neil McDonald and including John O'Shaughnessy, Don Austin and Bobby Banting, topped the field with a net of 282. This was just one stroke better than the showing made by the Copper Cliff miscellaneous foursome of Pete Duffy, Leo Doucette, Bub Jewitt, and George Brake.

Classy individual prizes were presented to the winners and runners-up in the trophy events. In the Beattie event for low gross, the winners received radios and the runners-up electric razors, while in the Lambert event for low net the winners got cordless razors and the runners-up patio lights.

### Toronto Man Among Best

Pete Provias again headed an enthusiastic contingent representing the Toronto office and the J. Roy Gordon research laboratory at Sheridan Park. One of its members, Andy Krausz, shot the best

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B. M. Forsythe (left) presented the E. C. Lambert trophy to the Garson mine team of John O'Shaughnessy, Don Austin, Neil McDonald and Bobby Banting.

Alex Godfrey (left) presented his trophy to the runners-up in the main event, the Copper Cliff team of Don Ripley, Mike Shea, Art Silver and (not shown) Bill Allan.



Levack mine set a record by sending a king-size delegation of 41 golfers, including this father-and-son foursome of Ted and Jim Lawrence, Lloyd and Jeff Dean.



Toronto was ably represented by this group of Mike Eades, Dave Amos, Joe Matich, Pete Provias and Andy Krausz.



Gene Bracken (left), chairman of the tourney committee, presented a special prize to retired division comptroller Don Cowell, who was the senior pensioner competing in the event.



Don Simmons of the control lab laces into his drive on the first tee, undaunted by the big water hazard. On the right Art Silver of the mines department studies a 15-foot putt on the third green which he sank for an eagle 3.





Linda MacKeigan



Daniel Cooper



Augustine Lenti



Elaine Minkilla



Geoffrey Dunkley



Inge Belfuss



Bryan Barnes



Jane Lowles



Eugene Shklar



Gretchen Markle

## \$50,000 in Inco Scholarships Awarded to Children of Employees

Scholarships valued at approximately \$5,000 each, based on a four-year university course, have been awarded to 10 sons and daughters of employees by The International Nickel Company of Canada, Limited. The announcement was made by P. Foster Todd, executive vice-president.

In addition to tuition and fees each scholarship annually provides \$300 to the recipient and a grant of \$500 to the university as a cost-of-education supplement. The awards are made on a one-year basis and are renewable for three additional years or until graduation, whichever is the shorter period, providing the winners satisfy the academic and conduct requirements of the universities where the scholarships are held.

The 1968 awards bring to a total of 114 the number of scholarships given to children of Inco employees since the plan was inaugurated in 1956. Over the past 12 years the Company has given approximately \$10,000,000 to higher education in Canada.

The new recipients of scholarships are as follows:

**Bryan Barnes**, whose father, Nicholas Barnes, is a shift boss at the Thompson mine and resides at 87 Westwood Drive, Thompson, Manitoba, is a graduate of the R. D. Parker Collegiate, Thompson. He has enrolled at the University of Manitoba in the faculty of engineering.

**Inge Belfuss**, whose father, Arthur Belfuss, is a plant-fitter at the Port Colborne nickel refinery and resides at 243 Killaly Street East, Port Colborne, is a graduate of the Port Colborne High School. She will study mathematics at Brock University, St. Catharines.

**Daniel Cooper**, whose father, Jack R. Cooper, is an electrician at the Creighton mine and resides at 763 Robinson Drive, Sudbury, graduated from Lockport Composite School, Sudbury. He will study modern languages and literature at the University of Toronto.

**Geoffrey Dunkley** is the son of

C. C. Dunkley, assistant manager of the copper refining division, residing at 888 Crown Street, Sudbury. A graduate of St. Andrew's College, Aurora, Ontario, he will study mathematics, physics and chemistry at the University of Toronto.

**Augustine Lenti**, a graduate of St. Charles College, Sudbury, will study mathematics at the University of Windsor. His father, Carlo Lenti, is an employee of the copper refining division and resides at 343 Eyre Street, Sudbury.

**Jane Lowles**, a graduate of Etobicoke Collegiate Institute, Islington, Ontario, has enrolled in the school of nursing at the University of Alberta. Her father, G. A. Lowles, is assistant manager of International Sales Limited, an International Nickel subsidiary in Toronto, and resides at 4 Woodhaven Heights, Toronto, Ontario.

**Linda MacKeigan**, a graduate of Lively High School, Lively, Ontario, will study science at the University of Toronto. Her father, Donald MacKeigan, is divisional foreman at the Creighton mine and resides at 248-8th Avenue, Lively.

**Gretchen Markle**, a graduate of St. Joseph's Morrow Park High School, Toronto, has enrolled at the University of Toronto to study biological and medical sciences. Her father, Norbert Markle, is a shift boss at the Garson mine and resides at 50 Rule Street, Garson.

**Elaine Minkilla**, a graduate of the Sudbury High School, has enrolled at Laurentian University to study history and Latin. She is the daughter of Valno Minkilla, a powderman at the Frood-Stobie mine, and resides at 528 Tedman Avenue, Sudbury.

**Eugene Shklar** plans to study physics at Harvard University in the faculty of arts and science. A graduate of Sudbury High School, he is the son of Walter Shklar, an employee at the Copper Cliff smelter, and resides at 494 White Avenue, Sudbury.

## Inco Golf

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score of the meet, exclusive of members of winning teams. His card of 79 had three birdies, on the first, fourth, and 14th holes. He received a car vacuum cleaner as a prize.

Jack Perron of the general engineering department team hit pay dirt with the best low net individual score, a fantastic 63. He was presented with an electric putter. It should have been no surprise that the geological department produced the "most honest" golfer of the tourney, big Lou Pajcz, who confessed to 148 blows and was awarded an electric shoe shine kit for his bravery and fortitude. Louie was greatly heartened by the improvement in his game — his 148 was four strokes better than he did last year.

Seven other golfers got a pleasant surprise when they found they were winners of hidden-hole prizes: Pete Duffy, Jim Wharton, Henry Flaccioni, Don Nelson, and E. Grosseau of Copper Cliff, Bill Young of Creighton, and Neil McDonald of personnel.

Idylwyde was in superb condition for the tournament, perhaps the best it's ever been, but exacted its usual toll from those who strayed from the straight and narrow. Especially on the first nine did many a tyro, as well as more than a few experienced players, come to grief by wandering into the rough or yielding to the hypnotic lure of the water hazards. The weatherman made things interesting for everybody by spicing the sunshine with some high wind and chilling squalls of rain.

Trophies and prizes were presented following a buffet banquet in the clubhouse in the evening, with Gene Bracken acting as chairman. Many of the golfers who played in the morning draw had their big post-game repast at noon. A dance completed the day's enjoyment.

### Smooth Organization

Taking its turn as host for this year's tourney, the Iron Ore Plant committee under the chairmanship of Gene Bracken drew praise from all sides for its smoothly

organized handling of the arrangements. Vice-chairman was Jerry Cullain and secretary-treasurer Bill Costello. Idylwyde club professional Carl Vanstone had nothing but compliments for the way drawmaster Al Stephens and his group kept the big field on the move and compiled the statistics. Al's helpers were Harold "Shotgun" Guse, Ray Mayer, Denis Lepage, Dan Topo, Mike Sopko, Jim Stollard and Frank Young, while Howard Hyde had charge of trophies and prizes.

## Watching the Assets

Continued from Page 5

project is regularly reviewed by P&I in connection with costs, so that inefficiencies can be pointed out or departures from the original engineering estimates accounted for. All individual pieces of equipment are tagged with numbered metal plates, and the identification number becomes part of the permanent inventory reference. Thus a complete record is established.

### Exploration Records

The property and insurance section also maintains cost records of all the Company's geological and geophysical exploration activities in its Sudbury district mines, checks out the charges against the appropriations for this work, and reviews accounts for all surface exploration throughout Canada administered by the Toronto office geological staff.

P&I's work also involves the allocation of all capital expenditures to the proper income tax classifications for depreciation, which of course has a direct effect on the earnings of the Company.

Finally, carrying its "watchdog" role through to a logical conclusion with the protection of the Company's investment in mind, P&I is involved in almost every form of casualty, fidelity, travel and other insurance except life, weekly indemnity, and health. A major part of this function is preparation of accurate up-to-date values for all properties in Ontario in connection with the Company's blanket fire insurance coverage.

## Course Announced for Week-End Prospectors

"Week-end rock-knockers," who make a healthy and often rewarding hobby of exploring the Sudbury district for indications of ore, have a real break coming up. All part-time prospectors as well as pros are invited by the provincial department of mines to attend a series of mineral exploration classes.

The sessions will be held at Cambrian College on Notre Dame Street, Sudbury, on October 7-11, from 3 to 5 and 8 to 10 p.m.

The objective of the course is to interest more young and old people in the mining industry. It is also hoped that the course will upgrade technically more week-end prospectors, so that more initial new discoveries can be made and presented to the mining industry in an orderly manner.

Among the guest lecturers will be John Dowsett, chief geophysicist of Inco's Ontario division.

# INCO GOES TO INDONESIA

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nesia. We look forward to a long and fruitful association with the Government and people of Indonesia."

In May, 1967, the progress-minded Indonesian government invited tenders from companies interested in developing the Sulawesi nickel deposits.

International Nickel's widening search for new sources of nickel all over the world had led the Company to look toward Indonesia in earlier years. When the invitation for tenders was announced, C. E. Michener, an Inco geologist who had previously made a trip to Indonesia, was again dispatched to the archipelago. His preliminary findings and data from other sources, followed by several months of intensive field work, provided a basis for envisioning a nickel-production project on a major scale.

## Lots of Competition

A number of the world's major mining concerns, and others, entered the competition for the Indonesian contract. That it was awarded to International Nickel was recognition of the Company's broad experience along with great managerial and technical know-how.

International Nickel is fully aware of the impact of a large mining and processing facility upon the people, economy, and culture of a relatively undeveloped area. Plans include the recruitment of Indonesian nationals for all levels of employment. Local services will be employed wherever possible. Direct training programs, as well as grants to Indonesian educational institutions, will make such employment increasingly possible. Port facilities, roads, and a communications system will have to be constructed. International Nickel and the Government of Indonesia will cooperate, together with others, in planning and obtaining financing for additional infrastructure.

## Nickel Deposits Long Known

On the island of Sulawesi — one of Indonesia's five principal islands — the presence of substantial lateritic nickel deposits has long been known. In fact, at Pomalaa in the southeastern part of the island, an Indonesian government enterprise has been mining and exporting a relatively high grade nickel ore for some seven years. With the participation of a Japanese group, the Indonesians have been successfully operating this small, open pit mine.

The potentially more important deposits, however, lie further north on the island in the Mahili area. They may well turn out to be the most valuable nickel deposits in Indonesia.

## Hundreds of Islands

More commonly known before the Second World War as the Netherlands East Indies, Indonesia is an archipelago. Composed of five main islands — Sumatra, Java, Kalimantan, Sulawesi, and West Irian — and hundreds of smaller and tinier islands, it encompasses a land area of almost 735,000 square miles. Including the seas between the islands, the whole of Indonesia would cover the United States from east coast to west coast.

The total land and sea area is

about four million square miles. The seas abound in fish and other riches, while the islands are mostly volcanic, covered by forests in the highlands and swamps along the coasts. Most of the soil is fertile. Rainfall is abundant. The climate is a hot tropical climate with high humidity in the lowlands.

Sulawesi is a curiously shaped island with three long peninsulas projecting northeast, east and southeast, respectively. The island has an overall length of 800 miles and a coastline of 2,000 miles, both quite disproportionate to its breadth which varies from as little as 38 miles miles to 120 miles. As a result there is no point in Sulawesi more than 70 miles from the sea.

The scenery in Sulawesi is extremely picturesque and varied. The country is mountainous and in places heavily forested; the mountains in the extreme north are volcanic — some still active — and elsewhere there are several hot springs and solfataras (volcanoes which now only emit hot sulphurous gases). The forests are almost primal in parts, and vegetation grows on the sides of precipitous and almost vertical mountain slopes. Between the mountains there are many deep lakes and the rivers, which are fairly short, are frequently broken by rapids and waterfalls.

## Fanned by Cooling Breezes

The climate, although hot, is tempered by cooling sea breezes which reach every part of the island. The mean temperature ranges between 86 and 72° F, with extremes of 94 and 66° F, although

it does drop below 50° F at high altitudes on the mountains.

Rich in many natural resources, the island has bamboo, breadfruit, tamarind and coconut trees which flourish, and the islanders raise their own crops of rice, maize, sugar cane and vegetables. They also export copra, corn, coffee, nutmegs, rubber, kapok, cattle hides and horns, copal and damar (two kinds of resin), and rattan, a cane used for building and furniture.

They fish for turtles and mother-of-pearl and have a trade in ebony, sandalwood and other timbers. Among the minerals discovered in the island there is gold, which has been mined for some years, nickel, and traces of iron, copper, lead and, in the south, a little coal. The population of Sulawesi is over seven million and the native population divides into six distinct ethnic groups.

## Third Annual Hockey School Attracted Fine Crop



Al Arbour's third annual two-week hockey school at Copper Cliff's Stanley Stadium drew 105 eager young hopefuls between the ages of 7 and 16 last month, and was pronounced a solid success by its director and by Pat Heaphy, the stadium manager. "A fine, well-behaved bunch of boys," said Pat. Above were some of the embryo candidates for hockey's Hall of Fame: back row, Michael Westerfield, Tommy Jones, Robert Schroeder, Scott Gasparini, Jay Arbour, Gary Hanninen, Richard Demarco, Norman Marion, Tom Butler, Mike Murray, Tim Langton, Gordon Rowe, Tony Canapini, Claude Marion; front row, Jamie Morrison, Wesley Stillar, Bobby Lekun, Gilles Crepeau, Larry Belanger, Kevin Masterson, Marc Giacomini, and David Creasey. "There's some real hockey talent in this group," observed head coach Arbour.



Although the bulk of the enrolment came from the Sudbury district, the school's spreading fame attracted several from distant points, some of whom are shown in the front row above: David Lenarduzzi, St. Lambert, P.Q.; Martin Brockman, St. Louis, Mo.; Kim Johnson, Smiths Falls, Ont.; Dave Hamilton, Boston; Danny O'Connor, Windsor; Peter Demarco, Sudbury; Cliff Hamilton, Boston. Standing behind them is the popular hockey school faculty: Gary Sabourin, St. Louis Blues; Stuart Duncan, coach of the Lockerby Composite all Ontario secondary school champions; Al Arbour, St. Louis Blues; Eddie Giacomini, New York Rangers; Frank St. Marseille, St. Louis Blues.





*Roughing out a lamp pedestal of Carrara marble from Italy preparatory to turning it on his big lathe.*



*Lamps, statuettes, bookends, costume jewellery, and all kinds of trophies come from his spare-time workshop.*

## He Can See Dancing Girls in the Muckpile

At the controls of his roaring big ScoopTram on 23 level at Creighton mine, moving the muck from draw-points to ore pass in the classic example of the new trackless mining concept at Inco, Pete Ellero is a happy man.

He exults in the power, speed, and agility of his machine, and he also has a little private source of entertainment that's always nice to turn to when his mind has a moment.

When Pete looks at a chunk of ore he can easily visualize it transformed into an exotic dancing girl. Or a brave knight on a prancing steed. Or perhaps less romantic but just as interesting to him, a specially designed ash tray or a desk set or pipe stand.

Before he came to Inco a year ago, Pete Ellero was a stone-cutter in Italy as were his father and his grandfather before him.

He knows and loves the beauty and texture of the delicate green onyx of Pakistan, light rose Encarnado Morelana marble from Portugal, so popular for altars or other ornamental work with its lacings of gold veins, the ice-like onyx of Yugoslavia, Perlato marble from Sicily with its pearl-like inclusions, or the equally beautiful yellow and light green onyx from Brazil.

These and a dozen other famous

stones he knows well, along with the many handsome marbles and the easily workable alabaster of his native Italy.

The noble granites he knows and admires too, especially the Canadian granites like the blacks from around River Valley, near North Bay, the reds from the Ville Marie district, and the greys from the Eastern townships.

But when it comes to the creative art of stone-cutting, the granites are quite a different story from the marbles, which cut almost like butter, or the alabaster which is mined underground and does not begin to harden until after it's exposed to the atmosphere. "The granites are 10 times as hard as these," says Pete. "When you cut granite the sparks fly."

Pete's introduction to Canada was with the black granite at River Valley. A pair of local impresarios brought him from Italy to make curling stones from the local rock, in an effort to challenge the monopoly of the famous Scottish granite from the island of Ailsa Craig, in the Firth of Clyde about 10 miles from the Ayrshire coast. Pete turned out a fine stone and his product won favor with many curling clubs in eastern Canada, but the project petered out from lack of promotion.

It was then that Peter moved on to International Nickel and "rock-cut-

ting" on a scale he'd never dreamed of.

For his spare-time hobby of creating objects of art he has gradually equipped a fine workshop on Lorne Street, Sudbury, with an apartment above where he lives with his wife and two children.

A big lathe for turning the larger objects like pedestals, flower vases and lamp bases, a diamond saw to cut the flat surfaces and a diamond bit to drill holes in bases, flexible grinders, polishing machine, and other tools of the stone-cutter's art have been assembled by Pete in his little workshop.

Although most of his spare-time activity is given over to the stones he has worked with since boyhood, Pete has had a lot of fun learning how to fashion attractive souvenirs from chunks of Sudbury district ore. In his skilled hands ordinary low grade ore from the open pits polishes to a beautiful blue gray, higher grade nickel ore comes out like burnished silver, and good copper sulphide takes on the rich lustre of melted gold.

Which does he like better, his ScoopTram or his stone-cutter's tools?

"They're so different, but also very much the same," says Pete. "They are both part of Canada to me. Canada is very wonderful."



## Canada's Finest Highland Cadet Corps Proudly Parades for Its Honorary Colonel



Drenched with rain on nine of the 13 days they spent at their annual camp at Fairbank Lake, the Copper Cliff Highland Cadet Corps nevertheless came up crisp and sharp on inspection night. This was an extra special occasion, since the reviewing officer was the corps' honorary colonel, Major Robin Swain, for 13 years its commanding officer until his transfer in 1962 to the Inco industrial relations department at Thompson, Manitoba. On the left, above, Major Swain is seen at the salute as the color party leads the corps in the march past to the stirring music of the pipe band; beside him as aide-de-camp is Capt. C. R. Leishman of the 2nd Bn. Royal Highlanders of Canada (Black Watch), a distinguished graduate of the Copper Cliff cadets. Other members



of the reviewing party are Capt. G. H. Harvey, CD, the corps commanding officer, and Capt. James Cumming of Central Command, Oakville. In the picture on the right Major Swain is giving the corps a thorough inspection (he later pronounced it an excellent unit in every respect) escorted by C/U. Ted Beaudry, now a captain and cadet commanding officer, and C/Maj. Richard Condie, retiring cadet commanding officer. Major Swain presented individual awards to outstanding cadets, among them C/Sgt. Philip Young, who received the Major Barnes trophy as the best all-around cadet of Camp Fairbank and Camp Ipperwash, and has been promoted to the rank of cadet lieutenant.

### I. P. Klassen, Manager Process Technology

The appointment of I. P. Klassen as manager, process technology for Canada, was announced August 27 by president Albert P. Gagnebin.

Mr. Klassen will report directly to Dr. William Steven, vice-president, process technology and product development, and will be located in Toronto.

In this newly-established position, Mr. Klassen will be responsible for establishing policy and



I. P. Klassen

for coordinating the activities of the divisional process technology departments. These activities broadly include all areas of process control and improvement, such as service to operating personnel and management on existing extraction and refining processes, technical monitoring, product quality control and continuous improvement in processes and metal recovery. The process technology departments in the operating divisions, although receiving policy direction through Mr. Klassen, are nevertheless part of the operating division organization and are responsible to division management.

Upon graduating from the University of Saskatchewan in 1942 with a degree in chemical engineering, Mr. Klassen joined International Nickel at Copper Cliff, where he gained broad experience in both operating and research departments. He was appointed assistant to the manager of reduction plants in 1966.

He assisted in the designing of the new Inco plant at Thompson, to which he was transferred early in 1960 as chief metallurgist.

He was appointed assistant to the general manager, Manitoba division, in 1965. He was transferred to the Company's offices in Toronto in 1968 as assistant to the manager of process research (Canada).

### Food Industry Depends On Nickel Cast Iron

Did you ever stop to wonder just how the food gets to your table? How it is processed . . . packaged . . . transported? Somewhere along the line all this food has some association with an International Nickel Company research discovery — Ni-Resist, a nickel-bearing cast iron.

Because Ni-Resist shows high resistance to corrosion by acids, alkalis and salts, millions of pounds are used in the processing of everyday items such as foods, plastics, soaps, detergents and petroleum products. And because Ni-Resist is strong and tough, and stands up against corrosion, wear and high heat, it's used for exhaust manifolds and aluminum piston ring carrier bands in many of the diesel trucks carrying food on the highways. Inco nickel is always close — helping to make your life more pleasant or more secure by means of quality metal parts and equipment, because nickel's contribution is quality!

### THE DIPLOMAT

Visiting parson (to little boy): "If your mother gave you a big apple and a little apple, and told you to give one to your brother, which would you give him?"

Little boy: "You mean my little brother or my big brother?"

### Inco Gardens

Continued from Page 7

march, 23 Walter, 5.00; Bruno Comacchio, 20th Caruso, 7.00; Giovanni Cecchin, 21 Walter, 6.00; and the following awards of \$5.00 each: Ugo Comacchio, 20 Caruso; Peter Baran, 16 Walter; John Shelekey, 14 Walter; Gordon Adams, 25 Edward N.; John Holunga, 128 William; Attilio Fioriani, 4 William; Antonio Silvestri, 28 Walter; Joseph Worobec, 7 William; Giovanna Crema, 42 Caruso; Mel Orendorff, 94 Caruso; Gladina Benedetti, 42 Allan; William Burns, 66-6th Ave.; Peter Gobbo, 14 John; Antonio Zanotto, 8 William; Dario Chetani, 29 Walter; Guido Paduini, 5 Walter; Edward Oliver, 50 Caruso; Emilio Parolin, 30 Caruso; Vito Battistuzzi, 29 Caruso; Steve Wasilchuk, 32 Ridessa; Cornelio Pellizzari, 48 Allan; Walter Haddon, 34 Edward N.; V. A. Price, 28 First Ave.; G. W. Evershed, 58 Fourth Ave.; Donald Simmons, 10 Balsam; Mike Siywick, 60 East; Joseph Bohni, 114 William; Eugene Kowal, 70 William; Lorenzo Silvestri, 14 William; Leone Valentin, 20 Walter; Mrs. A. Baldestra, 24 Caruso; Aldo Limarelli, 26 Caruso; Julio DeBenedetto, 110 Caruso.

Tiziano Oliver, 37 Caruso; Gino Sartor, 18 Allan; Silvio Fioriani, 18 Allan; Joe Barnes, 12 John; William Delli, 60 Edward N.; Mrs. Helen Holunga, 34 William; Nicholas Benedetti, 17 Walter; Luigi Goggin, 82 Caruso; Leo Oliver, 19 Caruso; Joseph Desjardins, 48 Edward N.; Mrs. Lena Forestelli, 30 Edward N.; O. P. Halverson, 28 First Ave.; Randolph Denise, 53 Second Ave.; Ernest DeForge, 64 Fourth Ave.; Carmen Bray, 57 Fourth Ave.; Andrew Walker, 3 King; Pasquale Lucchi, 62 East; Anthony Decicco, 40 East; Gabriel Gosselin, 34 Edward N.; Mrs. Mary Cebra, 42 Edward N.; Mr. John Chwyk, 126 William; Orest Belowos, 134 William; W. J. Belowos, 132 William; John Bronckhorst, 16 William; John Hachinski, 64 William; Jerrold Cleaver, 62 William; William Jablonski, 60 William; Victor Boyd, 32 William; Donald Hugli, 9 William; Wasyi Bernzbyk, 7 William; Alex Rivard, 2 William; Rino Valentin, 22 Walter; William Shalsynski, 17 Walter; Albert La Palma, 26 Nickel; Nicholas Zyren, 11 Nickel; Francisco Argentin, 6 Thomas; Adolfo Parisotto, 88 Caruso; Giovanni Ben, 79 Caruso; Tiborio Caverson, 25 Caruso; Norman Grimard, 30 Ridessa; Paul Behun, 28 Ridessa; John Moroz, 19 Walter; Liberale Marcon, 100 Caruso.

### GARSON

A. Lye Jr., 329 Pine Street, \$10.00; R. Levesque, 253 Pine Street, 7.00; V. L. Stone, 27 McDougall St., 6.00; and the following awards of \$5.00 each: E. O. Wohlberg, 8 Rude St.; A. P. Morin, 66 McDougall St.; James Graham, 29 Henry St.; R. D. Crawford, 4 Armstrong St.

Hugh Harrison, 76 Poplar St.; H. C. Bangle, 435 Church St.; A. Brethauer, 16 Henry St.

### MURRAY MINE

A. P. Bennett, 4 Holmes Street, \$5.00; K. Peurden, 18 Holmes Street, 5.00; G. E. Fleming, 12 Holmes Street, 5.00.

### Enjoyable Show Written By George MacMillan

A rollicking spoof of "the dear dead days beyond recall" by Sudbury Little Theatre Guild and guest performers kept large audiences in a high state of amusement for three nights at Bell Park Amphitheatre.

Written and directed by George (Bernie) MacMillan of Copper Cliff, former guild president and a leading light in Northern Ontario theatrical activities, the nostalgic portrayal of "Sudbury 1890, or Drink Up, Charlie" proved delightful fare for a summer's evening by the lakeshore.



G. MacMillan

The setting was Sal's Saloon, where a light-hearted gang had gathered to whoop it up in lusty Klondike style. Irrepressible Sal herself, in the person of talented Sheila Chettle, led the often riotous proceedings, ably assisted by customers, waiters, and barroom girls in the motley cast of 50.

A glittering performance by Diamond Lil (Sonja Dunn) topped off George MacMillan's tasty pot-pourri of amusing skits, old favorite songs and snappy dancing. The people on stage seemed to enjoy it just as much as those out front, so everybody was happy.

### BUSY LINE

Judge: "Your wife charges that you haven't spoken to her in five years. Why is that?"

Defendant: "I didn't dare interrupt."

# Retired on Inco Pension

## WILBERT DASHNEY

Wilbert Dashney, a skimmer in the converter building at Copper Cliff, who retires on special early service pension with over 37 years



Mr. and Mrs. Dashney

of service, was born at Navan, Ontario, just east of Ottawa, in 1906. He was married in 1930 to Cecile Paquette, and has one daughter and four grandchildren. He will continue to reside in Chelmsford.

## JOHN GOEGAN

Born in Northern Italy in 1905, John Goegan came to Canada in 1927, joined International Nickel in 1934, was a reagent man at



Mr. and Mrs. Goegan

Copper Cliff when he retired on special early service pension. His marriage to Marie Zago took place in 1938. Their family of three, and their four grandchildren, reside in Toronto. They plan to move to southern Ontario.

## ARTHUR LARCHER

Arthur Larcher has retired at age 63 on full service pension after almost 34 years with International Nickel at Copper Cliff smelter. He



Mr. and Mrs. Larcher

was born at Verner and in 1935 married Noelia Rochette. One of their three children, son Raymond, carries on the Inco family tradition in the converter building at Copper Cliff. They have 11 grandchildren. Mr. and Mrs. Larcher reside in Sudbury.

## DANNY PARKER

Danny Parker, whose tuneful whistle has enlivened many an impromptu entertainment program at sports gatherings in the Nickel Belt, has retired on special early

service pension from Frood mine, where he was a motorman, after over 37 years of Inco service. He



Mr. and Mrs. Parker

was born in northwestern Scotland, came to Canada in 1929. His marriage to Mae Montgomery took place in 1934. They have a family of three, plus four grandchildren. They will continue to reside in Sudbury.

## PAUL FRAPPIER

A maintenance mechanic at Copper Cliff before he retired on disability pension, Paul Frappier has 30 years of service with Inco behind him. Born on a Blizard



Mr. and Mrs. Frappier

valley farm in 1914, he and his wife, Aurore Giroux, whom he married in 1937, have a family of 13, plus 12 grandchildren. Son Laurier is with Inco at Copper Cliff, Eddie at Coniston, Lorraine is the wife of Copper Cliff's Dieter Blaffert, Jeanette is married to Creighton's Ray St. Jean. Paul has a summer camp at Lovering Lake, near Burwash.

## MARTIN SZEMAN

A native of Porro, Hungary, where he was born in 1903, Martin Szeman has completed 27 years with Inco and has retired on service pension from his job as changehouse janitor at the Port Colborne refinery. He was a miner



Mr. and Mrs. Szeman

at Creighton before moving to the Niagara Peninsula. He married his childhood sweetheart, Mary Gottfried, in 1937, and the couple have a family of two with two grandchildren. Both Martin and his wife share a love of growing flowers. They will continue to reside in the Port.

## JOHN NEVA

Retirement on early service pension for Murray mine tram signaller John Neva is the first step towards realizing his long-time ambition of becoming a missionary in India. A lay preacher since 1935, he feels that "teaching the

John Neva

under-privileged and orphans is one of the most important and satisfying occupations a man could follow." Born in Copper Cliff in 1905, John started his 27 years of service with Inco at Frood mine in 1941. His wife, Esther Mikla, whom he married in 1928, died in 1967. One of his two daughters is the wife of Levack maintenance electrician Roy Landry. He has four grandchildren.

## JACK LAMBIE

After no less than 40 years with Inco at the Port Colborne refinery, the last 20 of which were spent in the yard department, Jack Lambie has retired on early



Mr. and Mrs. Lambie

service pension. Born in Newarthill, Scotland, in 1905, Jack married Janet Russell, also a Scot, in 1928. They have a grown-up family of three and 12 grandchildren. Both in good health, the Lambies enjoy travelling and plan to visit Scotland in the near future.

## JOHN BERCIK

John Bercik and Elizabeth Stripy were married in their native Czechoslovakia in 1927, the year before coming to Canada. One of



Mr. and Mrs. Bercik

their two sons, Michael, is on the faculty of Laurentian University, Sudbury, and the other, John, is a chemical engineer in the United States. They have three grandchildren. A centrifuge operator in the separation building at Copper Cliff, Mr. Bercik retired on special early service pension after almost 33 Inco years. "It is a lot of hours, 33 years, but Inco is a very fine

company," he said. He and his wife are considering moving to a warmer climate.

## MIKE IVAN

Head stripper with what was known as "Ivan's Gang," Mike Ivan has retired from the electrolytic department at the Port Col-



Mr. and Mrs. Ivan

borne refinery on early service pension after 34 years with the Company. Born in Sarospatak, Hungary, in 1906, he was married to Edith Bogar of Welland in 1932. They have two sons and two grandsons.

## HERB MOXAM

A tapper on the nickel reverberatory furnaces at Copper Cliff smelter, Herb Moxam has retired on special early service pension. He was



Mr. and Mrs. Moxam

born in Waters Township in 1905, in the same house where he now resides. His marriage to Dorothy Terwilliger of Detroit was solemnized in 1927. Of their family of four, two sons are Inco men, Oliver at the Iron Ore plant and Richard at Creighton mine. They have 13 grandchildren.

## KEN BOURNE

After weathering a heart attack and a stroke, Copper Cliff grinderman Ken Bourne has retired on disability pension after 31 years



Mr. and Mrs. Bourne

with Inco. Born a Torontonian in 1913, he married Edith Coombs of Cobalt in 1936, and the couple have brought up a family of four. The Bournes will be leaving Lively for the Burk's Falls area where they will be within easy visiting distance of their three grandchildren in Toronto.

## TAISTO MYLLYNNEN

A heart condition had sidelined Taisto Myllynen of the Copper Cliff field engineering department at the age of 53, after some 27 years with Inco, but he's enjoying life in a comfy home overlooking Charles Lake. His wife, formerly



Violet Robb of Turbine, is a sister of recently retired George Robb and of Mrs. Doug Thom. They have a family of three. Taisto's roots go deep in the Nickel Belt.



Mr. and Mrs. Myllynen

He was born in the little village of Mond, one of the Mond Nickel Company's neighboring mining communities along with Worthington, Crean Hill, and also Victoria Mine, from which ore was transported two miles by aerial tramway to the smelter. The Mond smelter was moved to Coniston in 1913.

### ERNIE BEAUSOLEIL

Now on disability pension, Ernie Beausoleil spent the last six of his 26 years of service with Inco in the machine shop at the Iron



Mr. and Mrs. Beausoleil

Ore Plant. Born in St. Gabriel-de-Brandon, north Montreal, in 1918, he joined Inco at Creighton No. 3 shaft in 1943. He was married to Alexina Robillard in 1942, and has a family of four and one grandson. He has been chairman of Rayside Separate School Board for ten years.

### ANGELO FAVOT

A carpenter 1st class at Copper Cliff, Angelo Favot has retired on special early service pension after over 34 Inco years. Born in northern Italy, he came to Canada in 1926. He was married in 1938 to Dora Narduzzi, whose death took place in 1958. Their son, Gary, is employed in the plate shop at Copper Cliff.



Angelo Favot

### JACK RINTA

Jack Rinta, who retired on special early service pension from the



Mr. and Mrs. Rinta

Copper Cliff shops in March with over 35 Inco years to his credit, was a car repairman 1st class.

Born at Isokyro, Finland, he came to Canada in 1927, was married in 1930 to Salmi Puupponen of Copper Cliff. Their son, Allan, is a member of the Copper Cliff electrical department. They will continue to live in the Nickel Belt.

### ERWIN WALLACE

A carpenter at the Port Colborne refinery for 35 years, Erwin Wallace has retired on special early service pension. A Nova Scotian,



Mr. and Mrs. Wallace

he was born in Shubenacadie in 1906. Margaret Bennet of Port Dalhousie became his bride in 1931. They have one son and three grandchildren. Retirement plans include basement woodworking and travel. "I'm looking forward to doing the things I've always wanted to do," said Erwin.

### JOSEPH PHARAND

A Sudbury district man, born in Bizard Valley, in 1903, Joseph Pharand did not start his Inco career until 1947, was a mainten-



Mr. and Mrs. Pharand

ance mechanic 2nd class when he retired on service pension in July. He was married in 1936 to Dorothy Brosseau, and of their family of six one son, Arnold, carries on the family name at Inco, employed at the Copper Cliff smelter. They have seven grandchildren. They will continue to reside in Sudbury.

### JOSEPH GERDEN

A Garson miner who was born in Yugoslavia and came to Canada in 1927, Joseph Gerden has retired on special early service pension



Mr. and Mrs. Gerden

after almost 31 Inco years. His marriage to Ann Erjavek took place in 1930. They have one son, residing in British Columbia. They will continue to live in the Nickel Belt.

### ISADORE PILON

A champion Inco granddaddy is Isadore Pilon, who at the latest count had 35 grandchildren to honor his name and swarm over the ancestral home on Bancroft Drive near Coniston. Born in St.

Charles in 1905, he had more than 44 years of Inco service to his credit when he retired from the Copper Cliff plant on special early service pension. His marriage to Germain LaPierre took place in



Mr. and Mrs. Pilon

1929. Of their family of eight, one son, Marcel, carries on with Inco at Levack.

### JOHN GELATKA

Coal mining in Alberta and gold mining in Quebec were behind John Gelatka when he started with Inco at Frood mine in 1935.



Mr. and Mrs. Gelatka

He was a pillar leader when he retired on special early service pension in July after over 33 years of service. Born in Slovakia, he was married there in 1927 to Mary Zuzow, and struck out for Canada the following year. His wife joined him here in 1937. They have one daughter, and reside in Sudbury.

### GIOVANNI GEMIN

After more than 36 years with Inco at Copper Cliff smelter, Giovanni Gemin has retired on special early service pension. He was a baileman in the converter building. Born in Italy, he came to Canada in 1927 and was married at Copper Cliff in 1938 to Olga Frattini, whose death took place in 1965. Their son Ron resides in Sudbury. Mr. Gemin plans to make his retirement home in Niagara Falls.



G. M. Gemin

### JOSEPH WOROBEC

A Coniston man with over 34 years of credited service with the Company, Joseph Worobec was a feeder boss in the smelter at the



Mr. and Mrs. Worobec

time of his retirement in July. Born in Austria, he was married there in 1927 to Sophia Mulak, and came to Canada in 1929, starting with Inco that year. He broke his service but returned permanently

in 1933. One of his two sons, Tony, is employed in the mechanical department at Copper Cliff.

### ALBERT INGHAM

Brought up in southern Saskatchewan, Albert Ingham had just over a quarter century of Inco service behind him when he retired



Mr. and Mrs. Ingham

in June at the age of 65. He was a lamproom man at Murray mine. "I enjoyed all my time with Inco, and am sorry it is over," he said. "I wish I had started sooner with this company." His marriage to Stella Kulkeiko took place in 1927. One of their two daughters, Jeanette, is the wife of Robert Deacon, who works on the roasters at Copper Cliff smelter. They have three grandchildren and one great grandson.

### JOHN TINCOMBE

A winderman 1st class in the electrical department at Copper Cliff, John Tincombe has retired on special early service pension



Mr. and Mrs. Tincombe

after more than 40 years with Inco. He was born in Gravenhurst, but the family later moved to High Falls where his father was employed at the Inco power plant. His late brother, Albert, was an electrical department employee, at High Falls. He married Muriel Bryson, and they have one daughter and five grandchildren. Mr. and Mrs. Tincombe plan to live in Sudbury and take extended holidays in Florida and Jamaica.

### PAT GUERTIN

Pat Guertin has worked at the Port Colborne refinery since 1944, and was a boxman prior to his retirement on service pension. A



Mr. and Mrs. Guertin

farm near Maniwaki, Quebec, was Pat's birthplace in 1903. His bride of 1924 was Amelia LaCroix and the couple have a family of three and 11 grandchildren. Son Percy works at the nickel refinery. Pat's garden will occupy much of his leisure time. "You can't beat freshly picked vegetables," he said.



## Farewelled At Refinery

The lawn chairs in this picture are not part of the standard equipment in the machine shop at the copper refinery. They were among the gifts from the boys to popular plate shop service pensioner Frank Fingust, shown reclining (left) with maintenance superintendent Norm Ripley. The "retirement cake" was baked and iced by one of the group, Lucien Levesque. Born in Yugoslavia in 1903, Frank came to Canada in 1930, had worked for 33 years at the copper refinery. He married Teresa Vadosek in 1938, and has two sons and two grandchildren.



## Hunting Safety

Continued from Page 9

yourself up for lost, try to fix your position in relation to the sun, a high hill, or a large lake or river. If nothing seems to help, follow the slope of the land down hill; this will often bring you to a lake which may put you back on the trail.

3. **Save Yourself.** Do not wander aimlessly; this will only waste your strength and get you nowhere. For safety's sake, do not climb trees or stumble around in the dark. While you still have sunlight, find a clearing and make camp. Choose an elevated spot where rain water will not collect, and build a shelter of green boughs. Stay in the open where you can be seen by searching aircraft.

4. **"Tri Try".** Gather dead, dry wood and build three fires in a triangle. (Three fires or three anything is a distress signal). Add green boughs to put a heavy smudge into the sky. In travelled or flown-over parts of Ontario, this is bound to bring down a fire patrol — and rescue (and keep away insects while you wait). Keep plenty of dry wood on hand in case of rain.

5. **Remember the fire safety rules.** Build a fire only on bare rock, sand, etc. Make very sure it cannot spread and start a forest fire which could trap you in the flames.

6. **Fresh Meat** such as rabbits or porcupines may be close by. A shoe-lace could be used as an emergency snare, and the slow moving porcupine dispatched by a blow on the head with a stick, but watch out for the quills. Early in the season, look in birds' nests for edible eggs. In most areas you can easily find clams, crayfish, frogs, or snails. Cook your game on a spit or on a flat piece

of rock. Keep your cooking fire small.

7. **Fresh Fruit.** The berries you like grow in profusion in season. But some berries, plants, and fungi are poisonous; better stick to the items you know to be safe. Watch the wildlife; anything fresh they eat is good for you too.

### Appointments

J. McCreedy, general manager, Manitoba division, announced the following appointments effective July 22:

H. S. Banasuk, superintendent, Soab mine;

K. A. Somerville, assistant superintendent, Thompson mine.



H. S. Banasuk

K. A. Somerville

### H. S. BANASUK

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

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, and assistant mine superintendent in August, 1967.

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

### K. L. SOMERVILLE

Starting with International Nickel at Copper Cliff in 1956 as a student geologist, K. L. Somerville then worked underground and

in the mine efficiency department at Levack.

Transferred to the Manitoba division in May, 1960, he became mine safety engineer in 1961, divisional foreman in January, 1962, and assistant to the superintendent of mines in December, 1966.

Born in Spencerville, Ontario, he attended Queen's University, graduating in 1956 with the degree of bachelor of science in mining engineering.

He was married at Kemptonville, Ontario, in 1958 to Joan Blair, and has three children.

## Nickel Gives Strength to Huge Sarnia Castings

The world's Eighth Sea — that's what Canada's Great Lakes have become, thanks to the St. Lawrence Seaway. Building the Seaway was a colossal job. Some of the lock bridges have cast steel track and segment girders weighing as much as 14 tons apiece. Repair or replacement of such huge units would be difficult, in some cases practically impossible and prohibitively expensive. So quality castings of high strength, nickel alloy steel were used.

High strength nickel alloy steel can stand stress, strain and wear, and can face up to all kinds of weather. It's the nickel that provides high strength, toughness, plus long-lasting service in quality castings like these.

### OVER-EAGER FIRST AIDER

A young man was stretched out, face-down on a busy street with no one paying any particular attention to him. Finally a young woman happened along, and in a flash, knelt beside him, rolled him over, and began applying mouth-to-mouth resuscitation.

"This is great honey," he whispered, "but hold off until I finish wiring this manhole."

A parking space is the place where you take your car to have those little dents put in. . . .

## National Youth Orchestra a Musical Thrill



A major musical event for the Nickel Belt was the performance at the Sudbury Arena, with radio station CKSO/FM as joint sponsor, of the National Youth Orchestra under the direction of its distinguished conductor, Franz Paul Decker. The 107 young musicians, aged 14 to 24 and representing eight provinces of Canada, were guests of International Nickel at a dinner, with administrative assistant R. G. Dow as their host. He and Mr. Decker are shown above with four members of the orchestra, Bob Kraichy, violinist, Winnipeg, Linda Fisher, harpist, Montreal, Anne McIlveen, violinist, St. John, N.B., and Norman Abbott, cellist, Victoria. Organized in 1959, the orchestra won international acclaim on its European tour in 1966 under the direction of Walter Susskind.

## "Rye on the Rocks" Made into a Movie

A 15-minute color movie of International Nickel's "tailings farm" operations at Copper Cliff, in which more than 500 acres of sterile rock waste from the mill are stabilized by agricultural crops, has been filmed by Westminster Films of Toronto, with Don Haldane as producer.

Wide distribution of the picture to schools as well as community and technical organizations is expected, due to interest in unique methods developed by the Company's agricultural department to transform the grey desert of barren tailings into lush pasture land. The first crop of grass appeared on a small test plot in 1957, after years of patient experiment.

Picture shows the movie crew on location during the harvesting of the hay crop, with producer Don Haldane and assistant Inco agriculturist T. H.



Peters on the right. The cameraman, Georges Bilogh, is a Hungarian with a French accent who is now a Canadian citizen. The tractor pilots

starring in this sequence are Alec Kantola and Ken Hopkins.

Since rye is sown as a nurse crop for grass at Inco's unique industrial

"farm", the film has been tentatively titled "Rye on the Rocks" by Bob Hamer of the Company's public affairs department.

## Daughter of Refinery Man Is Indian Beauty Queen



Sandy Wabegijig gives greeting in Indian sign language.

NIAGARA FALLS, N.Y. — An aspiring model from Sudbury, Ont., Saturday became the first Miss Indian Defense League in an Indian ceremony at Hyde Park here.

Miss Sandy Wabegijig, 17, was chosen as the Indian beauty queen in the first annual contest added to the celebration of the 41st Indian border-crossing ceremony.

Miss Wabegijig said she was taking a month modeling course at a school in Toronto. She is a graduate of Lockerby Composite High School in Sudbury.

Miss Wabegijig is the daughter of Mr. and Mrs. Pat Wabegijig. Her father, long-time member of

the precious metals department at the copper refinery, Copper Cliff, is an Ottawa Indian and her mother an Ojibway.

Miss Wabegijig said she was "really happy" to be chosen Miss Indian Defense League because she "never won anything before." She said the border-crossing ceremonies were "really beautiful" and she was "proud to be part of the festivities."

The annual Indian border-crossing celebration commemorates the Jay Treaty of 1794 which gave Indians freedom of movement across the international border. Indians from the United States

and Canada gathered in Niagara Falls, Ont., and paraded to this city Saturday morning.

A brief ceremony was held at the crossing point on the Whirlpool Rapids Bridge. The group then moved to Hyde Park for the beauty contest and to adopt four persons into the Indian League.

### Appointment

The appointment of Robert C. Hamer as supervisor of public affairs, Ontario division, The International Nickel Company of Canada, Limited, was announced Sept. 9 by J. A. Pigott, assistant vice-president and division general manager.

Mr. Hamer, who will be located in Copper Cliff, joined International Nickel in April 1955 as a marketing trainee at the Company's Paul D. Merica research laboratory, Sterling Forest, New York, and in 1966 became a member of the public relations section in the New



R. C. Hamer

York office. On January 1, 1968, he joined the public affairs department in Toronto.

A native of Montreal, Mr. Hamer was educated in England at Sedburgh and Trinity College, Cambridge, where he received a B.A. degree in natural sciences in 1964. He is a graduate of the Institution of Metallurgists and a member of the Institute of Metals, both of London, England. He is also a member of the Canadian Society of New York.

He is married to the former Donna Ross of Saratoga, California.

### Cribbage Miracle

Lightning does occasionally strike twice in the same place, despite the old adage.

Carl Storey of the Copper Refinery was having a game of cribbage with a little neighbor girl, Lorna May, whose father also works at the refinery. He picked up a hand of three fives and the jack of clubs, whereupon Lorna cut the five of clubs to give him a perfect 29 hand. Few crib addicts ever experience this thrill but for Carl it was old stuff — 20 years ago he counted his first 29.

## Year-Round Tennis at Thompson



Three asphalt-based tennis courts have been put into play at Thompson by the Recreation Board, and first-season interest was most gratifying. Mayor Jack Knight (second from right, above) gave an official blessing to the facility. He's shown with a group of players, John McCreedy, Jennifer MacDougall, John MacDougall, Dick Fortin, and J. K. Paton. Last winter the Community Club set aside one evening a week at the Recreation Hall for tennis, which proved to be a very popular move and will be repeated.





*LEFT: An artist's impression of the two-stage Lunar Excursion Module descending to the surface of the moon.*

*BELOW: The separation of the two stages of the module when the astronauts launch themselves back to their orbiting spaceship.*

## Landing on the Moon

*... and Getting Back!*

On the day that American astronauts first approach the moon, the success of the final leg in their 230,000-mile journey from the earth — and their trip back — will to a great extent hinge on the performance of four specially designed nickel alloy bolt assemblies with built-in explosive charges.

Designed by Space Ordnance Systems Inc. of California, these assemblies will couple the 'ascent' and 'descent' stages of the Lunar Excursion Module (LEM), the craft in which the astronauts will descend to the moon from their orbiting spaceship.

Their explorations on the moon complete, the astronauts will launch themselves back to the spacecraft in the 'ascent' section of the LEM, after uncoupling this unit from the 'descent' stage by electrical activation of the explosive charges within the connecting bolt assemblies. The bolt explosions will uncouple the two LEM stages within 15 milliseconds.

Since failure of the bolt separation system in any way could jeopardize the success of the mission, its required performance reliability has been established at a single failure in every million missions.

Space Ordnance Systems selected 18 per cent nickel maraging steel as the alloy for the bolt bodies, and nickel-chromium alloys for the casing's explosive cartridges. These materials were chosen to play their part in this historic adventure because of their strength and impact- and corrosion-resistance.

The 3/4-inch separation bolts will withstand an ultimate tensile load of 45,000 pounds, and function at temperatures between -20 and 180 degrees F.

Maraging steel was developed at International Nickel's research laboratories. Its use in this critical function is another illustration of the importance of the Company's highly specialized research activities to man's challenge of outer space.

