

INCO TRIANGLE

VOLUME 19

COPPER CLIFF, ONTARIO, FEBRUARY, 1959

NUMBER 7



Pioneering, Thompson Style



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

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Editorial Office Copper Cliff, Ont.

Authorized as second class mail, Post Office Department, Ottawa.

Nickel-Containing Stainless Steels In Universal Use

Few metals are as versatile as the nickel-containing stainless steels. Their eye-catching appearance and durability have long appealed to the general public, and have led to their popularity in consumer products. However, their engineering properties, such as corrosion resistance, have also led to their widespread adoption for industrial applications that are not usually visible.

Some fields of application where stainless steels have countless uses are: Agriculture, Aeronautical, Appliances, Architecture and Building, Atomic Energy, Automotive, Baking, Brewing, Canning, Chemical, Dairy, Food Processing and Service, Hardware, Hospital and Institutional Equipment, Household Utensils, Jewelry, Laundry and Dry Cleaning, Marine, Meat Packing, Petroleum, Pharmaceutical, Photographic Equipment, Power, Pulp and Paper, Sports Equipment, Textile, Transportation.

In a letter to the shareholders dated November 6 the chairman of the Company, Dr. John F. Thompson, discussed the special qualities of nickel-containing stainless steels and the special efforts Inco has made to promote the use of these valuable alloys. The text of Dr. Thompson's letter follows:

Perhaps the best known and most widely used alloys developed in the past half-century are the stainless steels. These unique, versatile alloys combine durability and pleasing appearance with strength, heat and corrosion resistance, and other valuable properties. Their versatility makes them ideal for many varied uses — such as in the home, in architecture, in hollow ware and flatware, for decorative parts of automobiles, and for strictly functional applications, for example, in food processing and chemical equipment where long trouble-free life and protection of the purity of the products being processed are of prime importance.

The term "stainless" is applied to steels that contain at least about 12% chromium. Not all stainless steels contain nickel but most of them do. The nickel content of stainless steels ranges from 1% to 35%; by far the most popular type — "18-8" — contains 18% chromium and 8% nickel. Indicative of the increasing popularity of the stainless steels is the fact that in North America while steel production as a whole has doubled in

30 years the output of stainless steels in the same period has doubled every 10 years. A simple way to identify the quality nickel-containing grades, the well-known "18-8" type, for instance, is to apply the magnet test; the grades containing more than minor amounts of nickel are non-magnetic and therefore will not be attracted by a magnet.

The improved qualities that nickel confers on stainless steels have been primarily responsible for the continuing broadening of their fields of application. Nickel improves the resistance of stainless steels to corrosion by many liquids and to scaling by gases at elevated temperatures; nickel increases strength, ductility and toughness, and improves working characteristics. The ease with which the nickel-containing stainless steels can be formed and welded is of paramount importance to the manufacturer, especially where fabricating expenses are a major factor in the over-all cost of the product.

The nickel-containing stainless steels, discovered and developed in

Europe prior to World War I, were first produced commercially in the United States in 1926 and that country today is their largest producer and consumer. Steel industries of the world are the largest consumers of nickel and the stainless steels account for the largest use of nickel in steel. Although there has been a temporary decline in total stainless steel production in the United States, it is estimated that in 1958 the grades of stainless steel that contain nickel will account for a greater percentage of the total stainless steel output than in any other year during the last decade.

International Nickel, since the development of nickel-containing stainless steels, has been vitally interested in the progress of stainless steel. This Company has co-operated with producers, fabricators and users in the outstanding growth that these steels have enjoyed as their properties have become better known and appreciated. Included among our activities was the publication in 1947 of a comprehensive technical book

under the title, "Forming of Austenitic Chromium-Nickel Stainless Steels." So enthusiastically was this volume received that two additional printings were necessary, and an expanded and revised edition was published in 1954.

Stainless steels represent the largest single market for nickel. It is a market that does not depend to a major extent on any particular application. Uses are so diversified that the requirements for nickel in stainless steels will increase without being unduly sensitive to trends in particular applications or industries. A now assured, abundant supply of nickel will permit an unrestricted growth of markets for stainless steels and for the nickel which will continue to be an essential constituent of the most useful and most wanted grades.

AHEAD OF SCHEDULE

Child: "Mummy, is it lunch time yet?"

Mother: "No darling; not for another hour."

Child: "Well then, my tummy must be fast."

Nickel Belt Nite Delightful Annual Teenagers' Jamboree



The joists and joints of Sudbury High School's gym are only now easing back into shape after being strained to the limit by the noise and excitement of the 9th annual Nickel Belt Nite. Eight Sudbury and district secondary schools, among them for the first time Chelmsford, had entries in the cheerleading contest, and their wildly enthusiastic supporters literally raised the roof. Sudbury High won the team event and the individual title of Miss Nickel Belt went to Espanola. Another feature of this altogether delightful annual teenagers' jamboree was the basketball match between Teachers and All-Star Juniors, won as usual by the young fellows when the teachers faded in the final period. The picture shows Levack teacher Harry Ture scoring on a free throw.

Music Enthusiasm Hits New Peak at the Biggest Festival Yet

A multitude of young people, giving expression in many ways to the great wealth of musical talent for which the Sudbury district has become widely known, made the annual Music Festival another deeply gratifying community achievement.

"Any artistic endeavor has to be encouraged, and I think music festivals do this more than anything," said Leslie Woodgate, chorus master of the B.B.C., who with Noel Cox, inspector of music at Nottingham, adjudicated the week-long competitions.

Jointly sponsored by the Kiwanis Club and the Sudbury branch of the Ontario Registered Music Teachers Association, the festival drew almost 1,000 entries, biggest in its 14-year history.

Mr. Woodgate paid a special tribute to the Kiwanians. "To see business men care about the cultural training and development of the arts, among children especially, is a wonderful thing," he said.



The festival offers endless opportunity for the photographer with a long focus lens on his camera. Here is a beautiful study of music appreciation as a girl in the audience, Ardith Moore, listens intently to a piano concerto . . . shuts out the world to concentrate on the music's message . . . applauds warmly a fine performance.



A smart looking group that scored a real hit with the audience as well as with the adjudicator was the rhythm band from Creighton Mine public school, expertly led by cute little Mildred Marlon.



Four trophies in violin competitions as well as a \$100 Kiwanis scholarship were won by Richard Bujarski (left), whose father works at Frood mine. In the centre picture Richard Dow is seen presenting the major festival award, the \$250 Inco scholarship to happy Katherine Boland, daughter of Mr. and Mrs. Grant Boland, Sudbury; this gifted young lady was also joint winner of a new trophy for Bach piano music, which she shared with Donald Henry of Copper Cliff. On the right, adjudicator Noel Cox presents a trophy to Brent Pigott, son of Inco's superintendent of mines, and congratulates him on his "real musicianship" at the piano.

Manitoba's Thompson To Be Big, Smartly Modern Community

New Town Will Keep Pace With Great Inco Plant

(PICTURES ON PAGES 8-9)

Thompson, Manitoba, is on the way to becoming one of the most modern and attractive communities in Canada.

Two miles from the site where International Nickel is developing the second-largest nickel operation in the world, this budding town by midsummer will be caught up in a tremendous building bee that will transform it into a small city almost overnight.

When the news broke that Inco would launch a \$175,000,000 project in the wilderness 400 miles north of Winnipeg, it was hailed as the opening of a new frontier.

But they've put another "front" on frontier. The traditional idea of life in a far-off new mining camp is as out of date as Jack Benny's Maxwell. "Pioneering Thompson Style" is exemplified by the picture on the front cover of this issue, showing a charming young English bride, Mrs. Colin Read, in the kitchen of a bright cosy new home. "It's what I always dreamed of having," she told the Triangle. "Who would have thought I would find it here."

Inco's contribution to the new community will include cleared land for the townsite, roads and sidewalks, a water treatment plant and water supply lines, a sewage disposal plant and storm sewers, a hospital, four schools including a high school, and a civic administration building with fire hall and police station.

The first of Thompson's four schools will be built this summer. It will contain a large auditorium which will be available for community use. High school classes will be started in part of this first public school, pending construction of a high school.

The initial 35-bed unit of the 65-bed Inco hospital will also be built this summer. It will be in charge of Dr. J. B. Johnston, who with Nurse Mary Peever continues to give efficient medical service to the construction camp and growing community. A graduate of the University of Manitoba, Dr. Johnston has first-hand knowledge of the northern part of the province, having practised at Plin Flon, The Pas, and Snow Lake.

Installation of the townsite's complete system of storm sewer and water lines is proceeding right on schedule and is expected to be completed late this year or early in 1960. The water treatment and sewage disposal plants are both scheduled to be in operation by midsummer of this year, and the town administration building, fire hall and police station are also to receive top construction priority.

Plans of the town have been completed on the basis of a population of 8,000 people. In designing the pleasant, interesting townsite astride the Burntwood River the Company has received invaluable assistance from the Metro-



Typical of the surprising scale and style of developments in the business section of Thompson is this corner of the new Hudson's Bay Co. store where Mrs. Harold Heale and her young sons John and Doug look over the up-to-date stock of recordings.

politan Planning Board of Manitoba, of which Eric W. Thrift and David G. Henderson are the chief planners. A large model of the townsite is being prepared showing how full advantage has been taken of this naturally beautiful location.

Thompson is swiftly shedding the remoteness in which it was wrapped during the preliminary stages of its development. There is railway service to The Pas three times weekly, with full dining and sleeping car accommodation, and daily service by air or rail from The Pas to Winnipeg. An airport has been planned for Thompson, and the 40-mile road to link the town with the Manitoba highway system has been surveyed.

Officially opened on February 7 was the Hudson's Bay Co.'s handsome big general store, of brick construction. About the same size as Sudbury's major chain groceries, it will ultimately be enlarged to five times its present size under the Hudson's Bay Co.'s program for Thompson.

Midwest Diamond Drilling Co. has also opened a fine brick building containing offices, shops, and large warehouse facilities.

Extensive additions to the town's commercial area, expected to be

completed this year, include a theatre, drug store, restaurant, bowling alleys, garage and service station, barber shop and beauty parlor. A 33-room hotel is nearing completion. A taxi and bus service is now in operation. The dial telephone system has been installed.

A post office has been promised for this year. Plans are completed for a new C.N.R. station and freight shed, chartered bank buildings, stores, and other community services.

Thompson's first 200 houses have been occupied or are under construction. Comfortable two and three-bedroom homes, they have been built for rental by a private builder. Other development companies are negotiating for the construction of sale housing and rental apartments in the town. With Inco providing full municipal services, the cost of lots for housing is naturally extremely reasonable. The number of enquiries and applications from business firms indicates that Thompson is regarded as having an excellent future. Individuals or firms wishing to build in the town should get in touch with the government-appointed resident administrator, C. A. Nesbitt, at

Thompson, or at P.O. Box 333, Winnipeg.

One of the greatest construction projects in the history of Canadian mining, Inco's Thompson undertaking has captured worldwide interest. The speed with which it has been developed despite many formidable difficulties in the preliminary stages, and its strategic importance as the world's second-largest source of nickel, have underlined its appeal to the imagination and spirit of adventure.

The complex orebody, the modern mining and processing methods, the closely integrated design of the plant despite its large size, and the challenging metallurgical problems to be conquered are other absorbing features of Inco's new nickel operation. It offers young men a wide scope for achievement and advancement.

Durable Exhaust Pipe

While ordinary exhaust pipes on trucks seldom last for more than 40,000 miles, one made of Inconel nickel-chromium alloy — an alloy that withstands changes in temperature, shock and vibration, and corrosion — is still giving service after 1,000,000 miles.

INCO FAMILY ALBUM



An electrical foreman at Copper Cliff is Bob McIntyre, shown here with his wife, daughter Joyce, 14, and son Donald, 17. Mrs. McIntyre was a champion speed-skater.



Mr. and Mrs. Ernest Barbe of Coniston with Debra, 5, Brian, 6½, Cheryl, 2 months, Robert, 1½, Kathleen, 3, and Michael, 4. Ernest works in the transportation department at Coniston smelter.



Mr. and Mrs. Vic Rivers, Port Colborne, with Joann, 8, and Danny, 11. They took a trip to Mrs. Rivers' home in Surrey, England, last fall.

Wayne, 9, Douglas, 3, and Gary, 13, are the three sons of Mr. and Mrs. Morris Cayen. They live in the Lo-Ellen subdivision and Morris works in Stobie engineering department.



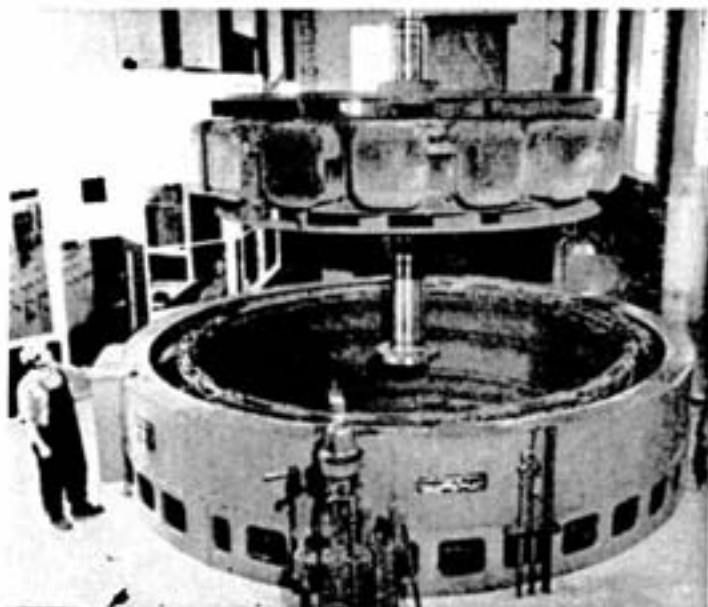
Mrs. Joe Church (nee Marj Smith) was formerly a nurse at Copper Cliff Hospital. Here she is with her geologist husband and daughter Pamela, 1½, at Moak Lake.

BELOW: Mr. and Mrs. Harvey Beech of Lively with Marlene, 4, and Douglas, 7. Harvey is a painter at Creighton mine.



BELOW: Mr. and Mrs. Ken Hill, who live on Buchanan Street, Sudbury, with Donald, 5, and Cynthia, 1½. Ken works underground at Garson mine.





Chick Dunn watches as the rotor shaft is hoisted from inside the stator of one of the three Big Eddy generators, as the major overhaul gets underway. In the picture on the right a group of Inco electricians work swiftly to install the 540 new fibre wedges in the stator coil; they are Bud Germa, Kalevi Hilapiela, Dale Muirhead, Howie Thompson, Hector Steele and Ray Kainulainen.

Big Eddy Plant Gets Its First Major Overhaul

Big Eddy, largest of the five power plants in Inco's Huronian system, has just received its first major overhaul in 30 years of continuous service.

Its three 8,000-kva vertical shaft, water wheel generators were dismantled, cleaned and painted, and the 540 stator wedges in each generator replaced. All the work was done by Inco's own electrical and mechanical departments, along with the power plant crews. A representative from Canadian Westinghouse, which built and installed the huge machines, was also on the job.

Big Eddy and three other Huronian Company plants are on the Spanish river about 28 miles from Copper Cliff; the fifth, at Wabageshik Falls, is on the Vermilion river, a tributary of the Spanish.

Big Eddy's three identical generators are huge machines measuring about 20 feet in height above the turbine and over 20 feet in diameter. Total weight of each generator is 130 tons, of which the rotor and shaft account for 45 tons.

First task in dismantling each generator was to remove the direct-connected exciter or small generator that sits atop the machine and supplies the initial energy to the rotor. Next the spider or mantle that covers the machine was lifted off to permit getting inside the stator. The spider weighs about 13 tons. Next the bearings were released, and the rotor shaft uncoupled from the turbine and hoisted out of its nest inside the stator. Spider and rotor were then taken to the repair bay end of the power house and completely gone over, checked and refurbished. Fresh insulation was installed in each spider. Surprisingly little

wear was noticed in the moving parts despite their 30 years of service.

Next job was to thoroughly clean the inside of the stator coil which is held in place by the stationary part of the machine. Then the 540 old stator wedges were removed, replaced with new ones and shimmed up true. The wedges are strips of fibre 9 inches long, 1 inch wide and 1/4 inch thick. They are coated with a Glyptol glue and driven into slots in the stator coil. Their function is to hold the stator coil solidly in place when the rotor is turning.

Copper Cliff winding shop foreman Arvi Ristimäki had six of his winders on the job, one of the largest ever undertaken by the electrical department. The work proceeded without a hitch and each generator was out of service a minimum of time, a little over a

month sufficing to do all three. During the down period additional Ontario Hydro power was purchased to compensate.

Jim Land Had Varied Career

"If I'd stayed with this outfit from the first I'd have nearly 50 years' service," said Jimmy Land, a long-time Orford building mechanic who retired last August. "I picked rock at Garson in 1909," he continued, "then helped build the smelter at Coniston. I was fireman on the train that drew the first pot of slag from there in 1913."

Leaving Coniston later that year he went with the CPR until 1915, then enlisted at Sudbury in the 2nd Canadian Pioneer Battalion. Eight months after enlistment



Jimmy was occupying a trench in France. While overseas he married Elizabeth Taylor in England in 1917. She died in 1949.

Upon his return to Canada in 1919 Jimmy landed a job at the paper mill in Espanola and stayed there until it closed in 1928. The next few years he spent on construction with Fraser Brace at Frood and Levack mines and the copper refinery. A short whirl at farming convinced him of the merits of an 8-hour day so in 1935 he got hired at Copper Cliff. Starting in the reverbs he was soon moved to the Orford building with the mechanics. "The best place I ever worked," said Jimmy.

Born at Buffalo in 1893, he came with his parents to a homestead on the Wahnapitae in 1907. He now lives with a married daughter Bessie (Mrs. Tom Butler) in Sudbury. His other daughter Ellen is Mrs. James Scott; his son James works in Detroit. He has six grandchildren.

Jimmy is an ardent sportsman, and his favourite hunting spot is around Lake Agnew. A member of the local revolver club, he has quite a collection of pistols, some of which he is displaying in the accompanying photograph.

In good health, Jimmy Land is looking forward to many pleasant years of retirement for which he has the good wishes of many friends.

Inco Report Again Given Special Recognition



For its completeness and clarity in reviewing the activities and financial position of the Company, the Inco 1957 annual report again won the Financial Post award in the Canadian mining and oil production group. President Henry S. Wingate is seen (second from right) receiving the citation from Paul S. Deacon, investment editor of the Financial Post; on the left is Inco vice-president Ralph D. Parker, and on the right Floyd S. Chalmers, president of Maclean-Hunter Publishing Company Limited.



Scouter Bill Peacock displays the survival kit he always carries with him in the bush. Members of his Creighton Boy Scout troop in the picture are Garth Wunsch, Edmond LeBreton, Michel Joly, Tommy Briggs, Bob Dennie (assistant scoutmaster), and Monty Briggs.

Arctic Survival Methods Shown at Boy Scout Rally

Sudbury and district Scouts and Rovers held a winter camping demonstration recently which featured northern winter survival.

Planned in connection with Boy Scout week which ended with a church parade on Lord Baden-Powell's birthday, February 22, the outdoor demonstration was held this year at Bell Park on February 15. Nature blessed the boys with a beautiful winter day and more than 80 district Scouts and Rovers attended. Many parents, friends and shutter bugs were also on hand.

The program included the building of a lean-to, cooking outdoors, snowshoe racing and other contests but the highlight was the survival demonstration. A Creighton Scout troop under Scoutmaster Bill Peacock had the honor of demonstrating some phases of arctic survival technique.

The boys erected an igloo which, complete with sleeping bags and small lantern, was as cozy as any parlor, according to Scouter Peacock. The type of snow available made the cutting of blocks impractical so it had to be piled, packed and then hollowed out.

Exhaustion is the worst enemy of anyone lost in the bush in winter, when sleep can mean death, Scouter Peacock told the boys. He advised taking things easy so as not to tire oneself, so that when the fire gets low he will feel shivery and awakened before it burns out; if exhausted he might sleep on and freeze to death.

What to do if someone falls in the water with the temperature around zero proved very interesting. If several others are present the "dunkie" should be quickly stripped of his wet clothes and

wrapped in warm garments loaned by his companions until a fire is made. If only one other person is along the first thing to do is roll the wet one in the snow, which acts as a blotter and helps absorb the water. Next he should be buried in snow until a fire is going. Snow is a great insulator and will keep him from freezing.

Most interesting feature of the demonstration was Scouter Peacock's personal survival kit which he devised himself. Packed neatly in a half-pound coffee can it contains essentials to keep a man alive for at least a week. Its contents are simple and surprising.

The rim of the can is sealed with heavy scotch tape. Inside are matches in wax paper, fish line and several hooks, a coil of snare wire, a small envelope each of salt and curry, seven handfuls of rice, and a paper bag.

"Millions of people in China and India live on a handful of rice a day," Bill said "and there is enough there for a week." Salt and curry are for flavoring, other seasoning may be substituted for curry if desired. The reason for the paper bag mystified many until Bill explained that it was to hold the rice while water was boiled in the can.

As he pointed out, a person wouldn't get fat on this menu but could survive quite nicely if they didn't panic. Bill carries his kit with him at all times in the bush.

If by some mishap matches are lost or get wet, a fire stick can be used to start a fire, Scouter Peacock instructed the boys. Cut a bow, use a shoe lace for string if necessary, get a hard piece of stick and some very dry wood or cedar bark, then make like an Indian.

With the Creighton troop already practising arctic survival a course is being planned for Scout leaders so that they may instruct their own groups. Bill gained most of his knowledge on this subject while in the army.

Scoutmaster Peacock is a hoistman at Creighton No. 7 shaft, and has worked at Inco for 20 years. He has been scoutmaster at Creighton for two years and really enjoys working with his boys.

Happy Memories

91 Woodworth Avenue,
St. Thomas, Ont.

To the Editor:

Thanks for sending us a copy of the Triangle. I had been wondering about it and hoping one would come our way.

My husband retired on December 3 after better than 39 years with the I.N.Co. at Copper Cliff. They were pleasant years and we have many happy memories of Copper Cliff and its people. My husband regrets that owing to the strike he was unable to say farewell to his workmates.

We have bought our home here. It's quite nice, enough grounds to keep Jim busy when the time comes for gardening. We are hoping to come up your way for Easter, have a son and daughter in Sudbury and my brother Ernie Saunders in Copper Cliff.

Thanks again for your truly great Triangle.

Yours sincerely,
(Mrs.) Lorna McNeil.

Another thing this world sorely needs is popular government at popular prices.

ANDY MESJARIK

Born on a farm in Czechoslovakia in 1893 Andy Mesjarik came to Canada in 1926. After a spell at farming, construction and lumbering on Anticosti Island he started first at the Copper Cliff smelter in 1927, was rehired in 1930. He retired this winter on service pension.

Andy worked on the nickel reverbera, where he was a fettler and a tapper.



Andy and Mrs. Mesjarik

He married Mary Simjak in 1918 and she came to Canada 10 years later. Their son Andy works at the Copper Cliff plant and their daughter Anne is Mrs. D. Lastoria of Vancouver. They have four grandchildren.

Last summer Andy took a trip back to the old country but intends now to confine his travelling to this country. He takes pride in the garden at his Martindale Road home, Sudbury.

Sudbury Play Sweeps Quonta Festival



Sudbury Little Theatre Guild's performance of "Every Bed Is Narrow" swept eight of the 11 awards at the Quonta Drama Festival at Sault Ste. Marie. The British adjudicator, Richard Ainley, heaped compliments on the cast and director, and on the author of the play, Toronto newspaperwoman Mary Jukes. Trophies for the best supporting actor and actress were won by Guido Dinero, who works at Copper Cliff smelter, and Mary Mackey, whose husband Pete is a Stobie miner; they are shown on the left above. The director of the production, Mickey Merriam, whose husband Gordon is a member of the geological department staff at Copper Cliff, is seen holding the Calvert regional trophy for the best play of the festival; she accepted a total of five awards. Bert Meredith of the Inco Triangle, shown on the right, added another triumph to a long and distinguished career by winning the trophy for the best male actor.



Jack Robertson has established a regular bus service between the Inco plant site and the town, 2 miles distant. This bus is shown at the general changehouse.



The first of Thompson's four schools will be built by Inco this year, but classes are in full swing in temporary quarters. The teacher above is Miss Nora Stewart.

With the Triangle Cam



Two banks have already located in the town and others will follow. Personal attention of manager J. G. James is John Nesbitt, 12; the



Husky Douglas Chamberlain, 6½ months, gets a well-baby check from Linda Warren, John Gray, Martha Crandall and La



Shopping is a pleasure in the big new store, and prices compare favorably with Winnipeg. Buying T-bone steaks at 83¢ lb. (left) are Mrs. David Henderson and son David, 4½; furniture shopping (above) are Mrs. Grant Hambley and Mrs. Harold Sinclair. Large extensions to the town's commercial area are planned this year, including a drug store, theatre, restaurant, bowling alleys.

era at Thompson

(Story on Page 4)



low. The young depositor receiving the per-
other client is Ross Hawkins, Inco accountant.



ckup from Dr. J. B. Johnston and Nurse Mary
f Thompson's healthy, happy younger genera-
urie Hawkins, tobogganing at "The Cliff."



Official opening of the smartly modern Hudson's Bay Co. general store at Thompson February 7 was
an event eagerly anticipated by the townspeople. Picture shows the fresh fruit and vegetable display.

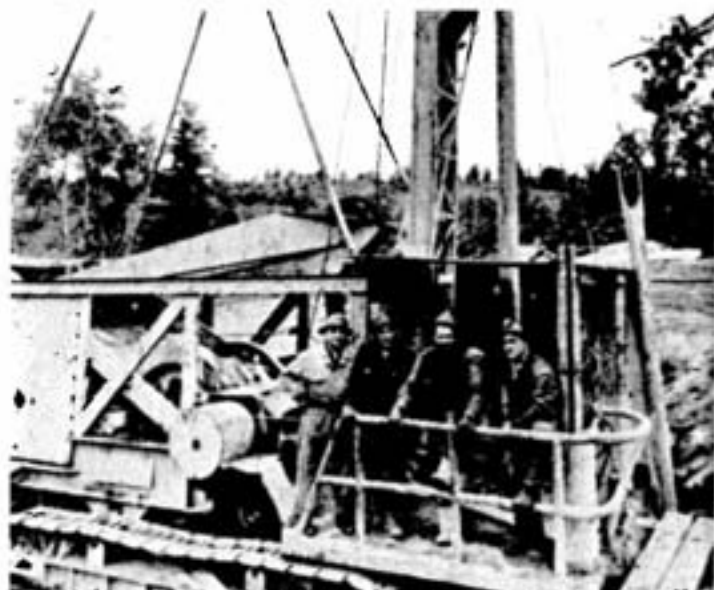


To date 200 houses have been built or are abuilding at Thompson as the making of a brand new
town gets into high gear. With Inco providing full services, the price of lots is very reasonable.



Another shopper, Mrs. Ed Nicholson (left) said: "If this is an example, we're certainly
going to have beautiful stores in Thompson." Community activities will be organized
as facilities such as the school auditorium become available. Above are some members
of the enthusiastic camera club: Grant Hambley, Charlie Drohonereski, Ralph
Westervelt, Ernest Miller, George Jameson. The friendliness and informality typical
of mining communities are already well established in the new town.

Set Inco Churn Drill Record



The longest churn drill hole yet drilled at Inco reaches from surface directly into 32 stope, 850 feet underground at Levack mine.

It is now being used to fill the stope with gravel trucked from the Levack pit.

Exceptionally good time was made by the Inco crew which handled the record-making assignment. Starting July 9 and work-

ing two shifts they broke through to the stope right on target, on September 11.

Guides were welded on the churn drill stem to help keep the 9-inch hole from deflecting.

Seen on the platform of their drill, above, are the members of the crew, Albert Landry and Alf Pellatt, drillers, and Dick Faubert and Rudy Vaillancourt, helpers.

Emile Barbe

Coniston's Emile Barbe has a fine family he is justly proud of. Possibly best known of his five sons, three daughters and 17 grandchildren is son Andy of baseball and hockey fame.

His twin daughters Margaret and Martha married Billy Core and Bill Morrison, well-known Coniston ball players, and Frances is married to Ugo Commachio of Coniston. Of his four other sons, Joe and Leo work at Copper Cliff, Hector at Coniston and Aime at Falconbridge.

Emile retired recently with almost 35 years of service. He started at Coniston back in 1923 and soon became a crane man, a job he skillfully handled until his retirement.

Born in Quebec in 1897 he was

raised at St. Charles, and married Florence St. George there in 1921. They are thinking of returning to the old homestead there this summer.

Enjoying life and particularly his family, Emile Barbe is looking forward to a pleasant retirement.



Emile and Mrs. Barbe

Ed McKerral On Locos 43 Years

Ed McKerral has retired from the locos at Coniston on Inco pension with almost 47 years to his credit. That's quite a pack of service for a young fellow who won't be 65 until next November.

Ed started at Coniston way back in 1911, some two years before there was any plant there, working with the Mond engineers on the layout for the new smelter.

After the plant started up he went firing on the locos and became an engineer in 1915, a job he held until retirement last fall. Ed always knew he would some day run a locomotive, from the time of his boyhood at Markstay by the railroad track. He fell in love with the first loco he saw and remained faithful for 60 years.

Ed has operated steam, electric and diesel locos and while the old steam jobs hold a special spot in his heart, the modern ones are better he admits.

He was born near Cornwall, in 1894 but his family moved to Markstay before the turn of the century. His father, a railroad man, saw the activity around Coniston and arranged a job there for Ed when he was old enough.

Ed married Mary Kirwan at Coniston in 1914. She died in 1945. Their family of eight includes Mrs. P. Bailey (Carmel) and Mrs. S. Quintintin (Monica) of Sudbury, and Mrs. J. Vickers (Deede) of London; Frances is married to Walter Morrison, Copper Cliff jitney driver, while Veronica and Margaret married Jack



Ed McKerral at his retirement party, seated between Gordon Adams, master of ceremonies, and Bill Johnston.

Angove and Joe Barnes respectively, of Coniston. Son Dan is at Frood and Alex is in Germany with the Canadian army. Ed has 25 grandchildren and one great-grandchild, a boy.

"Would you do it all over again that way?" Ed was asked. "By gosh I sure would," he said. "It was rough at times but I've had a really good life."

A trip to see his brother in California and a summer camp are two projects this young-looking pensioner has on tap.

As guest of honour at a party at the Club Allegri he was presented with a picture of one of his favourite locomotives, old No. 100, along with a well-stocked wallet.



Shirley Crawford Is President of Inco Business Girls' Curling Club

With 42 members, and two hours of ice time each Tuesday through the co-operation of the Copper Cliff Curling Club, the Inco Business Ladies' Curling Club is a going concern.

President of this enthusiastic group is Shirley Crawford, and secretary is Jan Lazowik; other officers are vice-presidents Dorothy Purvis and Mary Lauzon, and treasurer Harriet Maddock, and members of the banquet and prize committee are Stella Grassi, Elra Ojala, Janet Bennett and Dorothy Armstrong. Anna Fleming is drawmaster.

On the first evening of play the girls were given demonstrations of some of the finer points of the game by such well-known experts as Gordon "Sparky" Harry, shown above with Bernice Wiseman, Rita Lugli, Diane Greco, Gail Taylor, Elvi Makela, Raeja Luoma, Jan Lazowik, and Mary Lauzon.

Special instructions have been issued to beginners, including such cautioning as: "Do not slow down rock with broom if it looks as though it is going to go through the house—this makes the other skip real mad."



Mr. and Mrs. John Vittori and Mr. and Mrs. Alan Young were two of the 170 couples attending the highly successful Valentine dance held at the Inco Recreation Club in Port Colborne by the Gyros in aid of the general hospital. John works in the shearing department of the nickel refinery and Alan is a machinist.



Wolves Meet Dutchmen in North-South Hockey Playoffs



Everybody hopes there won't be too much of this sort of thing when Kitchener-Waterloo Dutchmen and Sudbury Wolves take up the cudgels at Sudbury Arena in their OHA-NOHA playoff set. The Dutchies' Bill Saunders lets go a back-hander that just misses the corner of the net; Wolves' elder statesman Nick Tomiuk fails to block the shot and goalie Ray Frederick seems caught out of position too. The picture was taken during the first game played by the Wolves' late-season acquisition, ex-pro Sambo Bettio (14) who turned out to be a life-saver when the

team was riddled by injuries. Long overdue for some breaks, the Sudburys are given a good chance of besting the Dutchmen. In the other half of the playoffs Soo Greyhounds go against the formidable Chatham Maroons. Unsung heroes of the north-south league are the North Bay Trappers, who although they hadn't a hope of a playoff berth made a terrific last stand and went undefeated in 10 straight games before bowing to the inevitable. Many a loyal Soo or Sudbury supporter found himself secretly pulling for the dead-game Trappers.

Dom Silvestri Second Generation Pensioner

Domenic Silvestri was raised on "the hill" in Copper Cliff. Born in Italy in 1888 he came to the Nickel Belt with his parents in 1906. He is retired now on early service pension with over 35 years of service. His father, who started with the Canadian Copper Company in 1906, was also an Inco pensioner.

Dom's continuous service dates from 1922 but his first job with the Company was 10 years earlier as a rockpicker at No. 2 mine. In 1916 he went to the Soo and worked in the steel plant for the duration of the war. He returned to the Copper Cliff smelter in 1922.

He worked for a time as motor-man on the charge floor, spent several years on the reverbs, then moved to the sample house in 1930. He worked there until his retirement. "I liked that job very much," Dom said, and by all accounts he performed it well.

At Fort William in 1921 he met and married Mary Bevilacqua and they have been very happy together. Their two sons are both Inco men. Vito with the mill

mechanics and George with the timekeepers.

Dom has lived in the same house at Copper Cliff for over 35 years and has kept it in first class condition. Hunting and fishing are among his favorite pastimes and Raven Lake one of his favorite haunts.

In good health and with plenty of friends Dom finds life to be very good indeed.

It's Time for the Seed Catalogues



This young man is judging a beauty contest which won't take place until next summer.

While the snow swirls outside his office window at Copper Cliff, and the thermometer dips to 20 below, Tom Peters of the agricultural department pores over the seed catalogues and picks the beauties for Inco's floral displays.

His final list included 33 different kinds of flowers. Started in the

Inco greenhouse, the seeds will produce about 40,000 plants to be set out in the flower beds that brighten the Company's properties each year.

One flower that will be appearing on the local scene for the first time is a new alyssum called "Pink Heather," the All-American award winner for 1959. Tom thinks it will have to be very special to beat "Royal Carpet," the previous top favorite alyssum.

There'll be 19 different types of petunias in the Inco flower beds this year, ranging from Comanche to Paleface, and 10 different varieties of snapdragon running the gamut from Alaska to Indian Summer.

There'll also be the old reliables like stalks and verbena, and others not so well known to the amateur gardener, like schizanthus and nemesis.

It's going to be a good season for flowers, Tom predicts. He hopes Inco people will make the most of it.

LITTLE DOES HE KNOW!

"I love your daughter very dearly, sir," said the young man earnestly. "I would suffer deeply if I ever caused her a moment's unhappiness."

"You certainly would," grunted her father. "That girl is her mother all over again, and I know!"

Swim Classes Popular at Copper Cliff Club



Pretty Pat Nelan, swimming instructress at the Copper Cliff Club, is surrounded by a bevy of young mermaids in this picture taken at the club's annual race meet, which again was a great success. On the left are Marian Ripley, Brenda Duff, Linda Godfrey, and on the right Ann Schijnes, Diane Hervey, Carol Chambers. There is an enrolment of 40 in the club's Saturday morning swim classes.



The Silvestris

"Happy" Hart Will Be Missed at the Cliff

George "Happy" Hart has retired on early service pension. A familiar figure to most residents of Copper Cliff, and in particular teenagers, he will be missed for his bright and ready smile, brisk step and eagerness to oblige. He has been janitor at the Copper Cliff high school since it opened in 1937. Previous to that he had worked in the



"Happy" and Mrs. Hart

smelter since joining the Company in 1924.

A Vimy vet who saw a good deal of action in World War I, "Happy" joined the 1st Canadian contingent in 1914. An exploding shell buried him in a trench at Passchendaele in 1917. He was hospitalized in England and discharged there in 1918. He married Emily Chauk there that same year.

After working on the railroad for several years there he came to Canada in 1924. He returned to the old country in 1936 as a member of the Vimy pilgrimage.

Born in Manchester in 1894 he arrived in Montreal on St. Patrick's day in 1912. He worked on a farm until joining up in 1914.

The Harts have a family of three, Fred in Moosonee, Christine who is married to Roly Spencer of the car shop at the Copper Cliff works, and Dorothy (Mrs. B. Wilson) of Hamilton. They have five grandchildren.

"Happy" thinks he and his wife may move to southern Ontario now and if they do one thing is certain, they will be a valuable addition to any community.

Inco Fellowships for Post-Graduate Studies

A total of 10 post-graduate fellowships have now been established by The International Nickel Company for advanced studies at seven Canadian universities.

Part of Inco's contribution in the field of academic research, these awards are given in recognition of the great progress made in recent years by Canadian universities in post-graduate studies. The fellowships, tenable for three years, are designed to encourage advanced study and research in scientific fields such as mathematics, physics, chemistry, metallurgy, geology, geophysics, mining and ore dressing, and to assist in the development of outstanding scholars working for advanced degrees.

With an annual stipend of \$2,000 to the student and an annual supporting grant of \$500 to the



After the Storm

university, competition for the fellowships is keen. In order to obtain students of outstanding ability, awards are made by special committees of educators under the administration of the National Conference of Canadian Universities and the Canadian Education Association.

A special \$2,400 Inco graduate research fellowship has been awarded for advanced study in the field of educational administration. It is designed to aid in providing more highly skilled administrators for Canadian schools.

Assistance to graduate research is only one phase of Inco's over-all contribution to Canadian education. Unrestricted grants to the extent of \$2,000,000 are being distributed over a five-year period to 145 Canadian universities and colleges for use in strengthening and expanding their educational programs. Contributions for fellowships, scholarships, and special projects such as bursaries for high school science teachers wishing to attend summer schools, will total \$350,000 for the same five-year period.

Oldest Pensioner



The oldest living pensioner of Inco's Canadian operations, Harvey M. Sidford, who is shown here with his wife, was 95 on November 14. At their home in Collingwood, where they have lived for the past 30 years, they celebrated their dia-

mond wedding anniversary last June.

Mr. Sidford retired on an Inco service pension in 1931. He was originally employed by Mond Nickel Co. at its Worthington mine, and also worked in the time office at Levack.

John Dixon

Suffering from arthritis, John Dixon has retired on disability pension. He had been stationed at no. 2 crushing plant at the Frood



John and Mrs. Dixon

open pit since 1939 and previously had worked at Frood rockhouse and at Garson. His father, retired from Garson in 1948, is still enjoying his pension. John also has a brother Ernie with considerable service in the rockhouse at Frood.

Born at Sunderland, England, in 1905, John worked in the shipyard there until coming to Canada in 1924. He married Ethel Dixon at Coniston in 1930. Their daughters Ethel and Doris married brothers Len and Arthur Penny. Their son lives with them. They have three grandchildren.

Accustomed to an active life John finds all this enforced leisure a bit hard to take. His many

friends will be glad to hear he is making some progress against his arthritis and hopes this summer to get around more — maybe do a little in the garden of his home in Sudbury.

MODESTO BONI

Born on a farm in Italy just 59 years ago, Modesto Boni came to Coniston in 1922. He retired last fall on a disability pension with over 35 years of service. A skimmer with the soul of an artist, Modesto handled that job at Coniston for over 27 years. He said he was never happier than when at work.

His first job was in the carpenter shop but he soon moved to the converters.



Modesto and Mrs. Boni

Modesto married Anne Silvestri in Italy in 1919 and she joined him at Coniston in 1925. Their son John works with the masons at Copper Cliff, as do Evo and Vio Antonioni, husbands of their daughters Josephine and Elsie. Mary is married to Quin Silvestri of Coniston and Helen to E. Ciccone of Pennsylvania. Since he has 13 grandchildren Modesto points out that 13 is really a very lucky number.

Right now he is taking life easy but turns his hand occasionally to cooking or dishwashing to give the family a treat. In summer he and his wife hope to travel more, but as they have their own home at Coniston that town will always be home to them.

Dmytro Hladki

Since coming to Canada in 1927 Dmytro Hladki has worked only at Coniston smelter. Retired now on disability pension he is taking things easy as advised by his doctor.

A tapper, Dmytro was known as a particularly dependable man.

He married Tekla Ztoranowiczka in 1925 and has one daughter Maria who is married. They have both remained in the Ukraine.

With proper care and rest Dmytro is starting to feel like his old self again. Just itching for something to do, he makes daily pilgrimages to Sudbury and also helps keep his landlady's garden in good shape.

Dmytro will be missed by the boys at the plant as he misses them.

Levack District Takes Pride in Its Beautiful New High School



The clean lines of the building, and the sweep of the well-grassed campus, make Levack District High School a striking sight from the surrounding hills. A welcome addition to community facilities, it was opened last September to serve the town of Levack and the Hardy area of the improvement district of Onaping.

The beautifully designed school has seven classrooms, two of them equipped for commercial classes, a big gymnasium, office, teachers' rooms, guidance room and storage area. Provision has been made for extensions if and when necessary.

At present 185 students are registered at the school. The staff consists of the principal, C. M. Prosser, 10 teachers, and a secretary.

These photographs, made last fall, show an exterior view of the school, the gymnasium, one of the classrooms with Miss J. Leppington presiding, the laboratory during the course of a lecture by the physics teacher, J. Sullivan, and the library with a group of grade 12 students doing reference work.

The pride of the students in Levack District High is shown by the school spirit which quickly developed and has held at a high level.





With her husband Mike, a Frood mine veteran, Mrs. Helen Ripka has spent many a happy holiday in the bush since she took up hunting five years ago.

SHARES HOBBY WITH HUBBY

The mighty marksmen had better look to their laurels, for the female of the species has arrived, right in their moose-hunting midst!

Take Mrs. Helen Ripka, for instance. A fine wife and excellent housekeeper, she is also a first-rate hunter. This past season she bagged a 1200-pound moose and a few days later got herself a deer as well. She was alone on both occasions.



Mrs. Ripka shot her first moose last fall and a few days later brought down a deer.

When she pumped three shots into that massive moose she was hunting in the same area as her husband but by the time Mike arrived at her side she had the huge beast in position and partly gutted. Mike helped complete the cleaning operation and then they headed the three miles back to camp, taking with them the heart and liver.

The following day Mrs. Ripka boned out all that moose meat while Mike and a companion packed it out to camp. One hind leg boned and skinned weighed over 100 pounds, a substantial load to pack out over three miles of bush trail. They each made three trips laden with moose meat. Back home the huntress, re-

suming her role of housewife, butchered and prepared all the meat in meal-size packages for the freezer.

In the cooking of moose meat this same lady is reputed to be something of an artist. Some of her secret, she told the Triangle, is the use of fat pork to supplement this lack in the game meat. Garlic and other herbs also play a part. A good moose steak is not marbled with fat like beef, she explained, but has only an outer layer as a rule. In cooking a roast she keeps it covered except for the last half hour or so, to retain the natural juices and flavor.

As a young girl living near Burwash Mrs. Ripka loved the outdoors and often accompanied her father on short hunting trips but never shot anything. About five years ago she decided to take up hunting, her husband's favorite sport, and has since developed into a better hunter than many a man. She has shot several deer but that was her first moose. Her rifle is a .243 Savage, a fairly new



For her hunting trips Mrs. Ripka made herself an easily-packed tent of Egyptian sail cloth.

calibre, shorter and lighter than most high-powered guns. She shoots with her face up and away from the stock, but this doesn't seem to interfere with her aim.

Mike and some of his cronies have a hunt camp on Nepawass Lake with the traditional "Men Only" sign. This might daunt a less resourceful female, but not Mrs. Ripka. From Egyptian sail cloth she made herself a tent, the envy of every male who sees it, and in it camps in comfort near the men. Mike admits that when the tent is all fixed up complete with gas lantern, etc., she has a better deal than he and his pals in the hunt camp.

According to the Ripkas, Egyptian sail cloth, a very close woven cotton, is superior to the finest duck, canvas or nylon. Mrs. Ripka first saw an old trapper with a tent of this material several years ago and she finally managed to import some of the cloth. With nylon fly bars, ropes and zippers the total cost was around \$100. In height it is over 6 feet to the ridgepole, is 7 feet wide and 8 feet long. For packing it shrinks into a 14 x 6 inch roll weighing less than 7 pounds. It is extremely tough, pliable in any weather, light and impervious to water. It is especially useful for fishing trips by plane when weight is a factor.

Just to keep the record straight it should be stated here and now that husband Mike also got a moose and deer last fall and has shot several moose and many deer in his day. He first hunted in Saskatchewan as a boy, and since coming to Sudbury has spent a lot of his spare time in the bush or at the lake. He realizes that he may now have to extend himself a bit to retain his male hunting superiority since his intrepid spouse is already enthused about next season's hunt and the five-day trip they enjoyed last year will be extended if she has her way.

Mike has worked at Frood mine since 1937 and has been a surface motorman for many years. The Ripkas live on Laura Avenue in Sudbury — when not hunting, fishing or travelling.

WALTER SNOWDON

A skimmer at Copper Cliff for over 28 years, Walter Snowden has retired on service pension. He first worked for the Company back in 1929, driving a team of horses to haul rock from the Frood shaft.

Born in the Muskoka lakes district, Walter was raised in the West. He farmed there until 1928 when during a visit to his brother in Sudbury he realized what he was missing. The following year he too became a member of the Inco family.



Mr. and Mrs. Snowden

In 1917 Walter married Mary Jackson. Their son Arnold is in British Columbia and their daughter Milda is married to Aubrey Mills of the purchasing department at Copper Cliff. Six fine grandchildren give the Snowdens much pleasure.

This spring and summer Walter is looking forward to landscaping the grounds around his new home in the Barry-Downe subdivision. He also hopes to complete a new garage on his property.

A motor trip to the west coast is tentatively on this summer's schedule too but for the present Walter is just taking his leisure — with pleasure.

BOLD TALK

"Is it true that it's good luck for a black cat to follow you?" asked a wife of her husband.

"Depends on whether you're a man or a mouse," was the reply.

Hughie Munro Bagged Inco Trophy



A grand curler in the old tradition, Hughie Munro of Stobie mine scored a well-earned triumph in the annual NOCA bonspiel to capture the Inco trophy, which he is seen here receiving from assistant to the general manager Alex Godfrey, another veteran of the ice lanes. Other members of the Munro rink with their silver tray prizes are Johnny Poupore, Alf Blair and Al Armstrong. The Munro foursome also made a great bid for the bonspiel grand aggregate but lost to Lige Beaver in a playoff. Two other well-known Inco skips, the brothers Art and Ron Silver, met in the final for the Chapman Bros. trophy with Art emerging victorious. Art Romanick was another Incoite winner, leading his team to victory in the Algoma Steel event.

Only Two Years Old, Nickel Belt's Coin Club Has Made Big Progress

The Nickel Belt Coin Club has developed into a strongly knit organization. Formed a little over two years ago it now boasts a membership of over 70. Regular meetings, held every second Sunday at the Legion Memorial Hall, are well attended and unfailingly interesting to both members and guests.

Feature attraction of every regular meeting is the floor auction in which usually about 100 lots of coins are sold. A panel of three committee members handles this novel service. A list of items to be sold is mailed to members several days in advance.

Bidding is generally quite competitive and the auction takes about one hour to complete.

Another interesting feature at meetings is the display of coins and coin collecting material which are for sale to members. Frood-Stoble's Charlie Martin runs this in conjunction with his coin shop, where Canadian coins are his specialty.

Charlie was largely responsible for forming the Coin Club back in 1956 and was its first president. He is still a most active director and usually the auctioneer.

Current president is R. C. Willey



Tiny Platinum Anode Is Key to Corrosion-Proofing Steel Boat Hulls

A major break-through in the problem of corrosion-proofing steel hull pleasure boats was signaled by the christening of a 28-foot vessel which will be used to demonstrate Capac, a unique system of corrosion control. Backbone of the system, which was devised by Charles Englehard, Inc., is a tiny platinum anode which contains only as much of the precious metal as is used in three wedding rings.

The Capac "show" boat was christened the "Platanode" by Metropolitan Opera star Mimi Benzell at a ceremony at International Nickel's Harbor Island testing station. Some 300 engineers, boat builders and equipment manufacturers attended the ceremony.

The Platanode, described as the world's most corrosion-proof vessel, is the first steel hull small boat to be equipped with the electrical anti-corrosion system which is of the type used on the new Forrestal-class aircraft carrier Independence, the atomic submarine Triton, and other large naval and merchant ships. The system stops corrosion by applying a controlled electric current to the hull which neutralizes the current generated by corrosive action.

The small-boat version of the Capac system uses only about one-third of an ounce of platinum and

can be obtained at a price within the means of the average pleasure boating enthusiast. Electrical requirements are so small that even on an idle boat the batteries will operate the system for three months. The system is expected to open up a vast new market for steel hull boats among the country's estimated twenty-five million boating fans.

The Platanode will be outfitted with such corrosion-resistant equipment as nickel-cadmium batteries; Ni-Bral nickel-aluminum bronze propellers; Monel gas and water tanks; stainless steel trim and deck hardware; and Monel anchors, mufflers, chlorinators and fuel lines. The control of corrosion achieved in this boat is based on research conducted at Inco's Kure Beach-Harbor Island Testing Stations over the past 20 years. The Platanode will continue to serve as a practical demonstration of results of future research and, over the years, provide visible proof of the advantages of corrosion prevention through scientific material selection and protection.

Roamer Steel Boat Division of Chris-Craft Corporation, Charles Englehard, Inc., and The International Nickel Company, Inc. are co-operating in the Platanode project.



Examining some of the sets of coins that will be sold at the regular club auction are, clockwise, Bill Bromell Jr., Nat Adshead of Frood open pit, Bob Boudignon of Copper Cliff pay office, Henry Kopaczynski of Copper Cliff smelter, Chuck Martin of Stoble, Gordon MacLean of Copper Cliff personnel, Red Butler of copper refinery, Bob Willey of Espanola, the president of the club, and Bill Bromell sr.

of the sale so that shift workers or those unable to attend may participate by mail or proxy. Attending members are also able to better decide what they want to bid on. Coins are placed on display prior to each meeting so that members may see what they are bidding on.

All items for auction are submitted by members one meeting in advance so that the auctioneer may list, describe and catalogue them. Current catalogue prices are quoted and items range in value from a few cents up to \$15. On the higher items reserve bids are usually entered by the seller.

Most items bring between one half and one third their catalogue value, although the odd exception fetches several times catalogue price. Total sales at each auction vary from \$50 to \$35, with 10% of total take turned over to the club by the sellers.

A coin auction is the accepted method of acquiring coins at a comparatively low price. Amateurs find this an excellent way to build up a collection of complete sets, every collector's goal, and stay within the family budget.

The local auction is carried out very efficiently and with considerable dispatch. The minimum bid increase on any item is 5 cents on values up to \$1, 10 cents up to \$2 and 25 cents above that figure.

of Espanola, an authority on many coins and assistant editor of the Canadian Numismatic Journal. He has written many articles, particularly on Canadian coinage.

George Purchner of the copper refinery is vice-president and Red Butler of the same plant is treasurer. Among the many other Inco members Bob Boudignon of the pay office and Tony Holler of Frood open pit are also directors.

With April 12-18 designated as National Coin Week in Canada, clubs all across the country will be sponsoring displays and special attractions. Locally a display featuring "Nickel in World Coins" is planned and should prove of particular interest to residents of this area.

Coin collecting is a fascinating hobby, as any member will declare at the mere flash of an 1858 20-cent piece, and is gaining new support steadily. Junior collectors are encouraged although their efforts are usually somewhat limited by financial problems.

Many prospective coin collectors who have small collections lack any real knowledge of their treasures such as values, classification or the best way to house them. This is where the local club can be helpful, in offering expert advice and assistance. In addition many lasting friendships have started through Club contacts.

Geologists Study Mysteries of Curling Rocks



Inco's geologists again learned some new things about the strange unpredictable moods of rocks when they took part in the Foot & Hangingwall Society's fourth annual bonspiel at Copper Cliff Curling Club. There were 13 rinks entered in the keenly enjoyed event. Picture shows Judge Snell presenting the Midwest Diamond Drilling Co. trophy to the 'Spiel champs, Bruce Dunlop (skip), George Cranmer, Richard Leppinen and Larry Arsenault. In a closely fought final they beat Max Matie (skip), Gord Colgrove, Larry Coderre and Rob deVletter.

Levack Liked Jimmy Smith

Jimmy Smith, his fine Scottish burr-r-r still intact, has retired from Levack on service pension. Very popular in that community he will be missed by all who enjoyed his friendship.

Prior to their departure to Waukegan where they have taken up residence, the Smiths were feted at several Levack parties. Jimmy figures that getting his new house and grounds in shape will ease the pang of old friends missed. Later he is planning a trip back to Scotland.

A machinist all his working years, Jimmy had a variety of experience before first appearing on the Levack scene in 1924. Born at Arbroath, Scotland in 1893 he apprenticed at a textile mill after leaving school. As a tradesman he worked in many industries including a steel mill, shipyard and large bakery. He came to Canada in 1923.

Typical of Jimmy, he lost no time in getting a job. Arriving in Montreal on a Saturday evening he worked the Monday night shift for Dominion Engineering.

On the advice of a friend he went to Levack in 1924 but quit the following year. After spending about a year at Coniston he returned to Scotland in 1926.

Canada was in his blood however and 1927 saw him again at Levack. After the fire in 1929 he moved to Frood, then went to Creighton in 1934 to help install the No. 5 shaft sinking hoist. He returned to Levack when it reopened in 1937 and worked in the machine shop until retirement.

A conscientious and capable workman, Jimmy was very proud of his safety record.

Having met Betty Law during his trip to the auld sod in 1926, he returned and married her in 1935. A happier couple would be hard to find. Their daughter Norah is the wife of Levack first aid man Fred Spencer, and their son James is in Scotland with the Rolls Royce company. They have five grandchildren.

Jimmy's many friends presented him with a Skil-Saw for his home workshop. One of its first jobs, he promised, would be to equip the recreation room of his new home with facilities for the proper dispensing of true Scottish hospitality.



A pretty and popular member of the purchasing department staff at Copper Cliff is Phyllis Winters, seen here at her desk.

Sid Smith and Jack Johnstone Farewelled on Retirement



Two highly regarded veterans retiring on service pension from the reverberatory department at Copper Cliff smelter were given a rousing send-off at a stag party in the Italian Hall. Sid Smith, assistant superintendent, and Jack Johnstone, shift boss, were warmly praised for their long and valuable careers with the Company, the former having 45 years and 9 months of service and the latter 35 years. Jack was presented with an easy chair and Sid with a set of fishing tackle, and in addition each received a wallet with a nice fat bulge. Pictures show the smelter's master of magic, Denis Thyne, giving the guests of honor "the works" on stage; he managed to "find" an interesting article in Sid's pocket, and then shook Jack by appearing to burn a hole in his best linen handkerchief. The Smiths now live in Oakville and the Johnstones in Whitby, and both couples have the best wishes of all their old friends and associates for many happy years of retirement.

First Job at Cliff Over 50 Years Ago

John O'Reilly first worked for the Company over 50 years ago. In 1906 he was the summer relief office boy at the general office in Copper Cliff, then located where the town hall now stands. He is retired now on a service pension.



Born on a farm in Quebec in 1893, John was raised in Copper Cliff, where his father came to work in the plant in 1930. From office boy he apprenticed as a machinist and served his time. Around 1916 he left the Company, and during the next

16 years worked for the Algoma Steel, the AER, CPR, and CNR, and also put in a spell at the original Moose Mountain mine.

Starting in the converter department on his return to Inco, John moved to the Orford building and spent several years there on crane maintenance. He later moved to the locomotive shop and, finding it to his liking, stayed on.

In 1915 he married Mary White who died in 1947. Of his family of seven Eddie works in the concentrator, Margaret is married to John Hamilton of the crushing plant and June's husband Ken Fletcher is in the mechanical department, all at Copper Cliff works. Beverly is Mrs. Grenon of Sudbury, Marion Mrs. Wheelton of Whitehorse, N.W.T., Charlie works in Sarnia and Jack is at Elliot Lake. John proudly counts 16 grandchildren.

Last summer he visited his daughter at Whitehorse and said it reminded him of Copper Cliff 50 years ago. He liked it there though—interesting country with good fishing, and is planning another trip. He thoroughly enjoys the plane trip.

He continues to reside in Copper Cliff.

Stand Terrific Heat

Because of their excellent mechanical and electrical properties, nickel-chromium and nickel-chromium-iron alloys are the most widely used materials for heating elements in both domestic and industrial electrical appliances. These alloys are capable of withstanding temperatures in the range of 2,000 degrees Fahrenheit and are highly resistant to oxidation and corrosion.



Before leaving for their retirement home in Wabashene the Jimmy Smiths were honored at several parties. Here a representative group of mine friends present Mrs. Smith with a cutlery set and Jimmy with a Skil-Saw; doing the honors are Bill Shuparsky, George Lockhart, Sid Kemp and Mel Young.