Start Expansion
Iron Ore Plant,
Copper Refinery

A $35,000,000 expansion of the Iron Ore Plant, increasing its capacity by 30%, and a $5,000,000 program of extension and modernization at the Copper Refinery, are now underway to enable these plants to pull their weight in the overall production increase in International Nickel's Sudbury district operations.

The second major enlargement of the Iron Ore Plant from its original capacity of 1,000 tons per day when it commenced operations in 1956, the current program will enable it to treat an average of 4,500 tons of pyrrhotite concentrate per day and produce 1,100,000 long tons of premium grade iron ore and 18,000,000 pounds of nickel per year, the latter in the form of soluble nickel oxide. The expansion is scheduled for completion in mid-1970.

Treats Pyrrhotite Concentrate

A magnetic nickeliferous pyrrhotite concentrate, separated at the Copper Cliff mill and pumped through a pipeline to the Iron Ore Plant, is treated in fluid bed roasters for sulphur removal. Roaster gas is piped to the adjoining plant of Canadian Industries Limited, largest of its kind in the free world, for the manufacture of sulphuric acid.

The extractable portion of the nickel content is recovered by selective reduction and atmospheric leaching of the calcine. The iron oxide residue is agglomerated and baked to produce high grade iron ore pellets. By separating a pyrrhotite concentrate and treating it in this way, marketable iron and nickel products are produced and smelting facilities are released for more efficient use.

In the plant expansion a seventh roaster-kiln unit will be installed in an extension of the present roaster-kiln building, and the existing units will be revised as necessary.

A fourth leaching circuit will be added, and the capacity of the existing leaching circuits increased.

Additional distillation and decomposing facilities will be installed in the recovery building. The packaging, loading and storage facilities for nickel oxide production, now located in the recovery building, will be moved to a separate new building.

In the pellet building the two pelleting machines will be revised for higher throughput, and improved to provide better product quality and efficiency.

An addition to the powerhouse will provide for increases in the various services furnished as required to all the departments of the plant, including power, low and high pressure air, vacuum, water treatment, etc.

Working Conditions

The recommendations of a firm of consulting engineers, submitted after an extensive survey, for augmenting and improving heating and ventilation arrangements in all departments, will be carried out in conjunction with the expansion of operations at the Iron Ore Plant.

Additions to this will be the fresh air supply in the roaster-kiln building from 2½ million to 3 million cubic feet per minute. In cold weather the warmed air from above the kilns will be filtered and recirculated to the fresh air supply. The carbon monoxide monitoring system will be doubled to provide constant detection of any gas content, ensuring protection for workers and pollution control.

In the leaching and recovery departments the fresh air supply will be stepped up about 30%. Steam-heated glycol will be pumped through the heating coils at the rate of 2,000 gallons per minute to provide a failproof heating system during extreme cold weather. Highly sophisticated venting systems for all vessels and filters containing ammonia solution will be augmented by a second ammonia absorbing system, to more than double the capacity of the present venting arrangements.

The entire dust control system in the pellet building, covering the machine discharge areas, conveyor loading and dump points, screens, and hearth-layer system will be revised for greater efficiency. A separate control system will be installed for the loading and shipping area. Additional fans with gas-fired heaters will be installed to heat the fresh air supply to the lower floors of the plant during cold weather.

Copper Refinery Expansion

Expansion of the Copper Refinery will involve over 20,000 square feet of new building to house an additional 200 electrolytic tanks. This will be the first extension of tank facilities since 1940, when 120 tanks were added without any increase in building. With the current expansion the refinery tankhouse will cover over 200,000 square feet, or almost five acres, and will contain a total of 1,350 electrolytic tanks.

The refinery will also undergo its first major conversion from 25 to 60 cycle power. A new 60 cycle substation and switchroom will be installed in this program, which will eventually result in the conversion of the entire plant to 60 cycle power.

The motor-generator sets which furnish direct current power for the tankhouse operations will be replaced by three specially designed silicon rectifiers.

To handle the additional precious metal slimes resulting from the expanded refinery schedules, new equipment will be installed in the silver refining department, involving a novel new process which has been developed by the refinery metallurgical staff.

A further major addition to the copper refinery's facilities will be the installation of a new copper melting furnace for casting wire bars. This furnace, known as a "shaf" or "vertical" furnace, will have three to four times the melting rate of one of the electric furnaces now in use. A third casting wheel and new improved wire bar handling facilities will be a part of this new installation.

A new quality control centre, to occupy some 2,250 square feet of floor area, is also a part of the expansion program. Facilities are to be provided for such control measurements as conductivity, density, routine optical oxygen estimation, and spring elongation number. Other important features of this section will be a more rapid sampling of cast refined shapes, and a small rolling mill for the machine reduction of copper test sections to rod form.

Future Mailmen

One-day mail service to any place in the world will become commonplace and inexpensive in the future. Messages would be relayed from local "post offices" to the nearest satellite. The satellites (powered by nickel-cadmium batteries constantly under charge from solar cells) would then re-direct the message to earth.

"Devil's Copper"

Nickel was named by the miners of Saxony in 1654, when they were unable to smelt copper ores that - unknown to them - contained nickel. They thought the devil cursed their ore so they called it "nickel". They thought the devil had cursed the metal "kupfernickel" or "Old Nick's copper."

Son of Frood Miner

Cartoons for Triangle

The cartoon appearing on this page is the first of a series drawn for the Triangle by Ross Longul, a Sudbury boy who graduated from Nickel District Collegiate and worked for a year or so in the fluid bed roaster department at Copper Cliff smelter.

Ross Longul attended the Ontario College of Art for two years, studying drawing and painting, and is now a student at the University of Guelph, majoring in fine art and psychology. He expects to graduate next year, and then pursue a full-time career in cartooning.

We think our readers will enjoy his whimsical sense of humor and style.

His father, Fred Longul, is a 1st class maintenance mechanic at Frood mine, with service dating back to 1935.
Inco Family Album

In a smart modern house overlooking Windy Lake Levack mine stope leader Joe Kuhle, his wife Hannelie, and their two youngsters Joey, 6, and Birgit, 5, enjoy the good life. Joe and his wife both hail from Germany; he came to Canada from Hirschberg in 1954, she from Warstein in 1959. An Inco man since 1956, "Windy Lake Joe" raises mink as an interesting and profitable hobby.

An 80-acre farm in the fertile Blezard Valley is home to Stobie slusher Fern Laurin, his wife Fleur-Ange, and their healthy tribe of seven. The whole family pitches in during the growing season and the resulting effort produces fresh vegetables aplenty for all, as well as oats and hay for the two near-members of the family, ponies Lady and Flicka. The youngsters are Pauline, 15, Denis, 3, Gerry, 16, Diane, 11, Madeleine, 12, Paul, 4, and Louise, 7. Fern joined Inco at Coniston in 1950, spent a year there before his move to Stobie.

Matthew and Lena Nalezinski and their family represent the Port Colborne nickel refinery this month. Wearing his executive look is young Alix, 3; the smiling others are Mark, 7, Jenny, 17, Jim, 15, and Sandra, 19. Matthew is a subforeman in the shearing and warehouse department, and woodcraft is his hobby.

Murray mine powerhouse engineer Mickey Terrick and his wife Win have no less than nine in their brood. A Manitoban, Mickey left Winnipeg for the Company and Levack mine in 1937, and since then has also seen service at Pood, Stobie and Creighton mines. The four in the back row are Mike, 17, Christine, 11, Pat, 16, and John, 19. Seated beside their parents are Dolores, 9, and Bill, 24. The three young ladies in the foreground are Catherine, Lorene, 18, and Mary Anne, 14.

It was the wedding of brother Oscar that brought the daughter and nine sons of Vic and Ida Baronette together for this handsome family picture. A motorman on the 2600 level at Garson, Vic joined the Company there in 1935. Seated with their parents are Andy, 16, Denise (wife of Levack stope leader Marcel Vaillancourt), and Larry, 16. The husky characters standing are Rolly, Garson pillar leader Rene, Rudy from St. Catharines, Ray from Wawa, Gerry, Maurice, and brand new husband Oscar.

After farming for 17 years at Nokomis, Saskatchewan, Len Fenske joined Inco at Thompson in 1961, is a maintenance mechanic. He has three brothers and a brother-in-law working with Inco in the Sudbury district. His wife Mary is the popular and highly efficient secretary of the Thompson Community Club, which operates the town's big recreation complex. Hockey is this family's favorite game, although they're active in sports of all sorts. With their parents are shown Michael, 6, Denis, 9, Judy (of the Inco office staff), Donald, 13, Pat, 18, and Gerald, 14.

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An outstanding accident prevention record for an underground shift has been achieved by Eric Ashick and his men at Creighton No. 5 shaft. Up to April 30 this shift had worked 1,117,856 consecutive hours without a lost-time injury, in the 15-year period commencing December 23, 1953. Their record is continuing, currently at an average of about 330 hours per day. The above picture shows most of the Ashick shift. Shift boss Ashick stands in front centre with mine superintendent Earl Mumford, who was on hand to extend congratulations. At the left is safety engineer Paul Parker, and on the right assistant superintendent Leo MacDonald.

A Message from the Safety Superintendent

Four distinguished performances in accident prevention are featured in this issue of the Triangle, one at Port Colborne, another at Clarabelle, and two at Creighton. I am sure I speak for the entire International Nickel organization in extending heartfelt congratulations to the men and supervision who are responsible for these excellent achievements. Through co-operation and careful workmanship in carrying out our safety program, they have benefited themselves, their families, and their fellow workers.

We salute these further fine records, and hope they will be equalled or exceeded by many more.

We also urge that this safety spirit be carried into all "off the job" activities in which Inco employees engage, so that accident prevention becomes a way of life.
Tenacity and co-operation finally paid off for the 2,200 employees at the Port Colborne nickel refinery when on May 15 they reached the 1,000,000 safe man-hours mark for the first time in the 50-year history of the plant. Their 90-day record began on February 15 and is continuing. There have been several occasions in the past when Port Colborne has almost reached the million mark, only to be thwarted when success was in sight. The co-operative effort put into their safety program by the men and supervision of the plant has become increasingly impressive, and all Inco hails their triumph in making it into the distinguished "millionaire" club. A memento of their achievement will be presented to all members of the work force.

In the above photograph the nickel refinery manager, W. R. Koth, is shown enthusiastically congratulating a representative group from various departments of the operations: front row, W. R. Koth, instrumentman Don Armbrust, planiftjer Jerry Doan, shear laborer Louis Buccione, shear laborer Mario Nuccitelli, unitman Louis Leostic, floorman Eliso Passero, crane operator Richard Thurston, assistant safety supervisor Les Lewis; second row, bricklayer Jim Boda, floorman Steve Rozic, safety supervisor Charles Burke, head nurse Mary Grace, assistant mechanical superintendent Ross Butler, janitor Joe Grosseibl, head hoist erectionman Ken Brownell jr.; third row, gas locomotive crewman Steve Kirchmeyer, general cleaner Allan Benn, test engineer Sam Berkhout, electrician Roger McAuley, carpenter Lee Barrick, basement laborer Allan Dagenais.

PORT COLBORNE REFINERY BREAKS LONG SAFETY JINX

Broad grins and waving hats show the world how the boys at Clarabelle open pit feel about their plant having worked a full year without a lost-time injury. The long steady pull was completed on May 1, and is carrying right on without letup toward a second straight year. A representative group of the pit personnel swarmed over one of their big graders to pose for this picture.

Front and centre is bench blaster Lorne Maley; on the left is assistant superintendent Ernie Smith, and on the right is superintendent Harry Smith. Others in the group are maintenance mechanic Clifford Long, shovel operator Ray Gise, engineer Russell Barker, shovel fitter George Naub, rotary driller John Bumaster, engineer Jose Gallego, haulage truck driver William Carlyle, bulldozer operator Andre Boisvonneault, maintenance electrician Jack Campbell, grader mechanic Cecil Burton, grader operator Greg Roles.
Trophy Time for Levack's Victorious Curlers

Although their numbers were somewhat lower than last season, there was no lack of enthusiasm among the 93 members of the Levack Curling Club who vied for the club's glittering trophies and the booty that goes with them.

Outgoing president was Ron Matte, and president for the coming season will be Gordie Bennett.

The community hall was the setting for the club's annual presentation of trophies and prizes.

In the front row of the above group picture of victorious teams are Frank Corkal, Clarence Vowels, Harvey Nadeau, and Nick Rible; second row: Ernie Hilton, Al Dane, Roddy Rodd, and Cecil Shalier; third row: Gary Tuomi, Eric Predrickson, Meno Friesen, Wilbur Rodd, Ernie Embelin, Paul Leblanc, and Matti Tuomi; back row: Orm Purvis, Forest Goodyear, Richard MacDonald, Roger Crepeau, and Hans Sonksen.

Members of the teams that won the seven club events were: President's trophy, Ernie Hilton, skip, Al Dane, Roddy Rodd, and Cecil Shalier; Cochrane trophy, Clare Fabris, Melanie Briggs and Frank LeBreton; missing from the picture is Barbara Lynn. RIGHT: With a broad and happy victory smile on his face, brother Bob Hreljac, captain of the Tremoloes, holds the Keller-Davies trophy which they won in 1942, and finished the last five of his 30 years with Inco as a motorman on the 5000 level.

Karl Kudla

The large working areas at Frood mine were an eye-opener for Karl Kudla when he started with the Company in 1930. He'd been used to the cramped quarters in mining the two-foot seams of the Essen coal mines in his native Germany.

“My experience paid off though,” said the early service pensioner with a wide grin. “To get the job at Frood I had to crawl on my knees through the legs of the crowd waiting to be hired at the mine gate. I hopped up in the front row and was lucky enough to be hired as timberman.”

He broke his service in 1934, returned to his company at Levack mine in 1935, moved over to Creighton in 1942, and finished the last five of his 30 years with Inco as a motorman on the 5000 level.

Karl and his wife — Alfrida Lefringshausen when they were married in 1926, set off for a vacation in their home town of Badersleiben. The trip ended late in 1966 with the death of Mrs. Kudla.

Their family of two are Karl Jr., a conveyorman at the Copper Cliff smelter, and Rhonda Rodd of Ottawa. Five grandchildren complete the family.

Karl returned to Germany in 1967, and later the same year married widow Mrs. Martha Karmann. They plan to make their home in Niedersalwai, West Germany.

Martin Pongratz

“Tou like the outdoors and enjoy long walks. My garden is going to help keep me busy too,” said Martin Pongratz, retiring from the Port Colborne nickel refinery on early pension with 29 years of service. He worked in the leaching, calcining and sintering department from April 1939 to December 1947, and then transferred to the mechanical department where he worked with the plantfitters, ironworkers and carpenters. He was a regular at the time of retirement.

Martin was born in Hungary in 1903; he farmed in the old country before coming to Canada in May 1947. He continued farming on the Canadian prairies for three years and then worked out of Maple Creek, Saskatchewan, for seven years on CPR trackwork.

He was married to Julita Trudler in 1929, and has one son, Martin Jr.

Martin enjoys the Niagara Peninsula and will continue to reside in Port Colborne now that he has retired.

Techniques and Tremoloes Triumph in Creighton Teen-Age Bowling

The Pied Piper of Hamelin did off the excitement and accompanying rise in temperature practically blustered the paint right off the woodwork as championships were decided by as little as a cliffhanging, fingernail-biting 15 pins.

Individual awards went to: high average, Guzel Joly (77); high double, Frances Storck (679); high single, Melanie Briggs (521); high single, Melanie Briggs (584); and Ed Hreljac (320).

In the Creighton league everybody wins something. Those who didn't get a trophy for the mantle received a pen and pencil set.

Leo Pevato did his usual fine job as master of ceremonies, and trophies were presented by Creighton Employees Club, Erminio Cozzarini drops a word here and there and they're preto, half the teens in town followed him to the alleys. His hock numbered 56 this year.

Normally during the season the heat generated by the league enthusiasm is enough to melt the snow off the roof, but in the play-offs the excitement and accompanying rise in temperature practically blustered the paint right off the woodwork as championships were decided by as little as a cliffhanging, fingernail-biting 15 pins.

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### HOUSE PLANTS

<table>
<thead>
<tr>
<th>PLANT</th>
<th>TOXIC PART</th>
<th>SYMPTOMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yew</td>
<td>Berries</td>
<td>Nausea, vomiting, diarrhea. May be fatal.</td>
</tr>
<tr>
<td>Jape</td>
<td>Leaves</td>
<td>Fatal. The leaf can kill a child.</td>
</tr>
<tr>
<td>Hellebore</td>
<td>All parts</td>
<td>Irregular heartbeat, nervous excitement, depression. May be fatal.</td>
</tr>
<tr>
<td>Hyacinth</td>
<td>Bulbs</td>
<td>Nausea, vomiting, diarrhea. May be fatal.</td>
</tr>
<tr>
<td>Narcissus</td>
<td>Bulbs</td>
<td>Nausea, vomiting, diarrhea. May be fatal.</td>
</tr>
<tr>
<td>Daffodil</td>
<td>Bulbs</td>
<td>Nausea, vomiting, diarrhea. May be fatal.</td>
</tr>
<tr>
<td>Poinsettia</td>
<td>Leaves</td>
<td>Nausea, vomiting, diarrhea. May be fatal.</td>
</tr>
<tr>
<td>Dieffenbachia</td>
<td>All parts (Dumb cane, Elephant ear)</td>
<td>Intense burning and irritation of the mouth and tongue. Death can occur if base of the tongue swells enough to block the air passage of the throat.</td>
</tr>
<tr>
<td>Rosary pea</td>
<td>Seeds</td>
<td>Nausea, vomiting, diarrhea. May be fatal.</td>
</tr>
<tr>
<td>Castor bean</td>
<td>Seeds</td>
<td>Nausea, vomiting, diarrhea. May be fatal.</td>
</tr>
<tr>
<td>Mistletoe Berries</td>
<td>Berries</td>
<td>Nausea, vomiting, diarrhea. May be fatal.</td>
</tr>
</tbody>
</table>

### FLOWER GARDEN PLANTS

<table>
<thead>
<tr>
<th>PLANT</th>
<th>TOXIC PART</th>
<th>SYMPTOMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Larkspur</td>
<td>Young plant, Seeds</td>
<td>Digestive upset, nervous excitement. May be fatal.</td>
</tr>
<tr>
<td>Monkshood</td>
<td>Fleshy roots</td>
<td>Digestive upset, nervous excitement. May be fatal.</td>
</tr>
<tr>
<td>Autumn crocus</td>
<td>Bulbs</td>
<td>Digestive upset, nervous excitement. May be fatal.</td>
</tr>
<tr>
<td>Star of Bethlehem</td>
<td>Berries</td>
<td>Digestive upset, nervous excitement. May be fatal.</td>
</tr>
<tr>
<td>Foxglove</td>
<td>Foliage, (Dutchmans breeches)</td>
<td>Irregular heartbeat and pulse, usually accompanied by digestive upset and mental confusion. May be fatal.</td>
</tr>
<tr>
<td>Bleeding heart</td>
<td>Foliage, (Dutchmans breeches)</td>
<td>Irregular heartbeat and pulse, usually accompanied by digestive upset and mental confusion. May be fatal.</td>
</tr>
</tbody>
</table>

### VEGETABLE GARDEN PLANTS

<table>
<thead>
<tr>
<th>PLANT</th>
<th>TOXIC PART</th>
<th>SYMPTOMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rhubarb</td>
<td>Leaf blade</td>
<td>Convulsions, coma, followed rapidly by death.</td>
</tr>
</tbody>
</table>

### ORNAMENTAL PLANTS

<table>
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<tr>
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<th>TOXIC PART</th>
<th>SYMPTOMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daphne</td>
<td>Berries</td>
<td>Severe poisoning, death. Children are poisoned by this plant.</td>
</tr>
<tr>
<td>Western</td>
<td>Berries</td>
<td>Abnormal thirst, distorted sight, delirium, incorherence and coma. May be fatal.</td>
</tr>
<tr>
<td>Goldenrod</td>
<td>Berries</td>
<td>Abnormal thirst, distorted sight, delirium, incorherence and coma. May be fatal.</td>
</tr>
<tr>
<td>Larch</td>
<td>All parts</td>
<td>Mixture of cough, hoarseness, sneezing, painful breathing, and suffocation.</td>
</tr>
<tr>
<td>Eucalyptus</td>
<td>All parts</td>
<td>May cause nausea and vomiting, depression, difficulty breathing, fatigue, and coma.</td>
</tr>
</tbody>
</table>

### TREES AND SHRUBS

<table>
<thead>
<tr>
<th>PLANT</th>
<th>TOXIC PART</th>
<th>SYMPTOMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wild and cultivated cherries</td>
<td>Fruites</td>
<td>Intense digestive disturbances.</td>
</tr>
<tr>
<td>Wild cherries</td>
<td>Fruites</td>
<td>Intense digestive disturbances.</td>
</tr>
<tr>
<td>Black locust</td>
<td>Bark, sprouts</td>
<td>Nausea and digestive upset.</td>
</tr>
<tr>
<td>Black locust</td>
<td>Foliage</td>
<td>Nausea and digestive upset.</td>
</tr>
</tbody>
</table>

### PLANTS IN WOODED AREAS

<table>
<thead>
<tr>
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<th>TOXIC PART</th>
<th>SYMPTOMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jack-in-the-pulpit</td>
<td>All parts, especially roots</td>
<td>Intense digestive disturbances.</td>
</tr>
<tr>
<td>Mayapple</td>
<td>Apple, foliage, roots</td>
<td>Nausea and digestive upset.</td>
</tr>
</tbody>
</table>

### PLANTS IN SWAMP OR MOIST AREAS

<table>
<thead>
<tr>
<th>PLANT</th>
<th>TOXIC PART</th>
<th>SYMPTOMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water hemlock</td>
<td>All parts</td>
<td>Nausea and digestive upset.</td>
</tr>
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</table>

### PLANTS IN FIELDS

<table>
<thead>
<tr>
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<th>TOXIC PART</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Buttercup</td>
<td>All parts</td>
<td>Intense digestive disturbances.</td>
</tr>
</tbody>
</table>

### PLANTS IN AGRO-INDUSTRIAL AREAS

<table>
<thead>
<tr>
<th>PLANT</th>
<th>TOXIC PART</th>
<th>SYMPTOMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poison hemlock</td>
<td>All parts, especially the stem</td>
<td>Intense digestive disturbances.</td>
</tr>
</tbody>
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### PLANTS IN SWAMP OR MOIST AREAS

<table>
<thead>
<tr>
<th>PLANT</th>
<th>TOXIC PART</th>
<th>SYMPTOMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water hemlock</td>
<td>All parts</td>
<td>Nausea and digestive upset.</td>
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Two Northern Ontario Titles Captured By Levack Minor Hockey Teams

Karlo Bubalo and Dan Kelly Winning Coaches

Levack Minor Hockey Association crowned its many previous successes by producing this year not one but two Northern Ontario championship teams.

An all-star squad from its Atom division, coached by Karlo Bubalo, captured the Sudbury district title at Espanola and then went on to win the Northern Ontario Playground Hockey Association championship at Sturgeon Falls.

The Levack Pee wee division all-star team then doubled the triumph by copping the NOPHA title in their class in the playoffs, also staged at Sturgeon Falls, after taking the Sudbury district honors. They also won the championship of the Kiwanis Pee wee tournament at Noranda. Dan Kelly was their coach.

"Hockey mothers" under the chairmanship of Mrs. Fred LeBlanc served a delicious turkey dinner to all the young players and their coaches to wind up another highly successful minor hockey season at Levack. Guest speaker was Guy Bertrand, a former Levack boy now playing with Sudbury Wolves.

Close to 200 boys played in the regular league schedule in the five age groups, Squirts, Atoms, Pee Wees, Bantams and Midgets. In the youngest division, the Squirts, there were 70 little gaffers in action, auguring well for the future of the organization.

The minor hockey association got able and enthusiastic leadership from its executive of Danny Cuomo, president; Jim Conners and Hector Lauzon, vice-presidents; Terry Hamilton, secretary-treasurer; William Hannan, referee-in-chief; Team coaches and other volunteers all turned in a fine season's effort.

The Canadian five-cent piece has been minted of pure nickel from 1922.

Inco Platinum Medal

To Horace Freeman

Horace Freeman, President of Freeman Corporation, Cap-de-la-Madeleine, Quebec, has been awarded the International Nickel Company of Canada, Limited, platinum medal for 1968 by The Canadian Institute of Mining and Metallurgy.

The platinum medal, donated by International Nickel and presented annually, is a mark of distinction and recognition for outstanding contribution to the mining and metallurgical industry in Canada, and was awarded to Mr. Freeman "in recognition of his outstanding contribution to the Canadian metallurgical industry, with particular reference to his early work in the flash roasting of sulphides and for his pioneering work on iron powder metallurgy."

Mr. Freeman was born in England and received his training in applied science at Mathew Boulton Technical Institute in Birmingham. He came to Canada in 1910, and in 1911 he was a gold assayer for the Canadian Bank of Commerce at Dawson, Yukon Territory.

A Pioneer of "Flash" Roasting

From 1915 to 1922, he was with Shawinigan Chemicals where he introduced the electric furnace manufacture of anhydrous sodium sulphate. From 1922 to 1928, he developed and erected at Shawinigan a pilot furnace and steam generator using suspension, or "flash", roasting of pyrite and zinc sulphide ores. Between 1928 and 1932 Mr. Freeman developed, with Ross Engineering of New York, the spray burning of Kraft paper mill liquors for the recovery of steam and chemical. In 1929, he became technical director of Cornsolidated Paper Corporation Limited, retiring in 1960. He commenced the first North American manufacture of iron powder from hot metal by the atomization process at Cap-de-la-Madeleine, Quebec. The process is still in operation by Freeman Corporation, producing an increasing variety of ferrous metal powders for which new uses have recently been found.

Concurrently, he applied much effort to assessing direct reduction methods for iron ores and his work in this area is continuing at the present time.

GOLDEN WEDDING

Mr. and Mrs. S. A. Crandall, who were married at Kellogg, Idaho, on June 10, 1918, celebrated their 50th wedding anniversary at a reception at the home of their son John at Clarkson, Ontario.

Formerly Chief Engineer of International Nickel at Copper Cliff, "Sac" Crandall retired on pension in April, 1953. He and his wife, the former Flora Bergner, took up residence in California, but after some years returned to Ontario to make their home in Oakville.

After the festivities on June 10, Mr. and Mrs. Crandall will spend their 35th summer at their camp on Lake Penage. "We never grew tired of our life there," they say.

Their son Arnold lives at Bolton, Ontario; he and his wife Shelia have five children: John and his wife Zona have three.

NO SYMPATHY

"I want to tell you, sir, that I'm engaged to your daughter."

"Well, don't tell me your troubles. What else did you expect after hanging around the house every night for the past six months?"
Got a Good Idea for Plant Improvement?
It Could Be Worth $5,000 in Cash to You

Revised Suggestion Plan Open to All Hourly-Rated Employees in Inco's Canadian Production Operations

A top award of $5,000 is offered in the revised Suggestion Plan which went into effect June 1 for hourly-rated employees of International Nickel throughout its Canadian production operations.

Today's modern atmosphere of ever-improving methods and tremendous expansion at Inco broadens the seeker of opportunity for employees to come up with important ideas that will pay off for them in terms of hard cash, working conditions, safety and job security.

Along with the big boost in the award ceiling, this greatly enlarged scope should stimulate a surge of new interest and participation in the employees' Suggestion Plan.

Five Main Areas for Ideas
Suggestions may concern any of five main areas: increased safety; increased production; improvements in mining, processing, or maintenance operations or methods; conservation of materials, time and/or labor; reduction in cost, waste, or material handling.

The employee picks up a suggestion form from one of the boxes near the clock alleys. If he needs help in filling in the form he should ask his foreman or plant personnel officer. He should explain his idea thoroughly, pointing out clearly why it is better than the present way. He can include a sketch with his suggestion if it will help put his idea across.

If an employee does not wish his name or number to be used in any way with his suggestion, all he has to do is say so on the form.

If the suggestion is being made by more than one employee, this should also be stated on the form. After the form is fully filled in, it should be dropped in the suggestion box.

All suggestions will be acknowledged by the secretary of the Suggestion Plan committee, and regular bulletins on their progress will be sent beside the suggestion boxes. Employees will be notified by letter whether or not their suggestions are award winners.

Computing on a Year's Savings

The Company will pay from $10 up to a maximum of $5,000 for each suggestion accepted, depending on the value of the idea. Where a suggestion can be definitely tied in to dollar savings, the award will be paid in part of the amount the Company considers will be the savings during the first year following the introduction of the suggestion, up to the $5,000 maximum.

Where employees put in a suggestion together and it is accepted, the award will be shared between them. If similar suggestions are received from different employees, the award will be made to the employee whose suggestion was received first. If the suggestions are received on the same day, the award will be divided equally.

Other basic details of the Suggestion Plan are included in a folder which was distributed to all hourly-paid personnel at the end of May.

"Put in as many suggestions as you wish, big or small either on your own or with other employees," the folder urges. "Your ideas do not have to be about your own work or department."

Employees' Ideas Welcome
The folder was accompanied by a letter signed by the division general manager, which stated in part:

The progress of any industrial operation requires the full cooperation of everyone connected with it. Such teamwork includes an exchange of ideas and suggestions. If a person feels he knows a better way to do a job, his ideas will be given full consideration and if adopted will be rewarded in amounts ranging from $10 to $5,000.

"The Company wants and will welcome your suggestions. When an idea occurs to you, don't hesitate to fill out a suggestion form. Put your ideas to work for yourself and for your Company."

The Inco Suggestion Plan first went into effect in April, 1943, with a maximum award of $1,000. Since its inauguration almost $100,000 has been paid out. More than 23,000 suggestions have been submitted, of which 3,500 were accepted and awards made.

The revised plan is extended to the Iron Ore Plant at Copper Cliff and also covers the Manitoba division.

Processing of suggestions will be specified. Suggestion Plan committees, made up of senior staff and production personnel, and each with its own secretary, will administer the plan at the local level.

Personal of the Suggestion Plan committees has been announced as follows:

Sudbury district: chairman, J. B. Dyck; secretary, B. White; members, P. Souter, J. Rickaby, J. Dawson; special members, M. E. Young, L. N. Pearce, E. H. Bracken, M. A. Love.


Ladies' League Going 30 Years

One of the oldest and still one of the liveliest bowling groups in the Nickel Belt is the Sudbury Inco Club Ladies' league, which this year celebrated its 30th anniversary. One of the oldest and still one of the liveliest bowling groups in the Nickel Belt is the Sudbury Inco Club Ladies' league, which this year celebrated its 30th anniversary. One of the oldest and still one of the liveliest bowling groups in the Nickel Belt is the Sudbury Inco Club Ladies' league, which this year celebrated its 30th anniversary. One of the oldest and still one of the liveliest bowling groups in the Nickel Belt is the Sudbury Inco Club Ladies' league, which this year celebrated its 30th anniversary.

The Sid Sheehan trophy for the "A" section playoffs was won by Joyce McNamara (captain), Ino Armitage, Chris Guse, Helen Buer, Marilyn Harry and (absent) Jenny McNell.

The Cliff Stewart trophy for the "B" section playoffs was won by Joyce McNamara (captain), Ino Armitage, Chris Guse, Helen Buer, Marilyn Harry and (absent) Jenny McNell.

One of the oldest and still one of the liveliest bowling groups in the Nickel Belt is the Sudbury Inco Club Ladies' league, which this year celebrated its 30th anniversary.
"A Plant Is Only As Strong As Its Maintenance Dept."

In these times of unrelenting demand on the supply of nickel, when every pound is important, the work of keeping International Nickel's plants at peak operating efficiency stands forth in full significance. Preventive maintenance, backed up by swift and skilled service in emergency repairs, is the key to success. And the Company's huge maintenance organization, with a long and proud record of skill and resourcefulness, is measuring up to the intensified challenge. The Manitoba division's maintenance department is a typical example.

As maintenance superintendent of the Company's Thompson operations, John MacDougall is responsible for the activities of some 500 personnel in his department who work in the smelter, mill and refinery, and at the mines in the area. Seen here with John during a discussion of the failure of an electric motor shaft are machine shop foreman Eric Moran, general shops foreman Lorne Lamontagne, and chief maintenance planner Ed Summers.

Fabrication of replacement parts for plant process equipment and machines creates a steady demand on the maintenance department. This copper filter drum was built by the plate shop for the refinery. Adding the final touches under the direction of shop foreman Eldon Kinley are first class welders Bill Kinley and Ed Kien.

With a well equipped machine shop and a staff of highly skilled machinists, the department is well equipped for rapid production of urgently required replacement parts. In the foreground lathe machinist Keith Larson is making a crusher jacking screw, while behind him machinist Vladimir Karen is preparing to turn a new electric motor shaft, to replace the one under discussion in the above picture in John MacDougall's office.

The responsibility of keeping all major mechanical equipment, both on surface and underground, at the mines in top-notch condition also rests with John MacDougall’s men. Carrying out a regular daily inspection of the T-3 shaft cage, rope and shaft guides in this picture are mechanics Jim Lang, Leo Ceyr, and rigger Bill Ulryen.
Also responsible for the installation and maintenance of the electrical power distribution system, members of the department are seen here installing the 13,800-volt pot heads in the recent extension of the smelter compressor building. Finishing the job are electrician helper Milton Rodzar, electrical apprentice Paul Puga, maintenance supervisor Harry Lomantagne, and lineman John Hacquoil.

43 YEARS OF SERVICE

Veteran employee Alex Karikas has retired on disability pension from the nickel refinery in Port Colborne with over 43 years of dependable service to his credit.

Alex was born in Robo Celol Sopronmegge, Hungary, on April 13, 1905, two months after his father sailed for Canada. The remainder of the family was to follow when young Alex was old enough to make the journey. After several setbacks, including World War I, Alex, then 18, finally arrived in Canada with his mother. He had been apprenticed to a bootmaker in Hungary. Deciding not to follow this trade, Alex became employed at the Inco refinery on December 26, 1924. His entire long service was in the leaching, calcining and sintering departments.

Alex married Helen Novak in Port Colborne in 1928. They have one daughter, Wilma (Mrs. Louis Tomas), residing in Port Colborne, and one granddaughter, Linda, a very accomplished pianist and vocalist.

A trip to Hungary to visit a brother and a sister who did not come to Canada, and whom he has not seen in 45 years, highlight Alex's retirement plans. A lot of fishing, a little gardening and leisurely living will now become his way of life.

CANINE GENIUS

The hunter's bird dog came to a point looking straight at a stranger. The hunter looked all around but couldn't see any sign of a bird. Finally he said, "That's funny. My dog never did that before."

"Perhaps I can explain," said the stranger. "My name is Partridge."
For the second successive year "Red" Bruce led his team to a clean sweep of the silverware in the Creighton-Lively major men’s bowling league, winning both the Carlo’s Transport trophy and the Barney Barnicott memorial trophy for the league leadership and the championship playoff.

For years one of the top bowlers in the Nickel Belt, Red also took home the league’s high average award for his 368, and the highest single award for his 403. In the playoffs he had a five-game total of 1782.

In the "B" series Dave Scott captained the winning team of Dave Fenstey, Al Green, Hector Chevrette, Rolly Pierce and Hubert Starcevic. He rolled a five-game total of 1302 in the playoff.

During the season, in which Richard Jones scored the high triple of 958, 75% of the bowlers in the league averaged better than 200, a remarkably fine showing. In the playoff Harvey Beech got hotter than a dime-store pistol, rolling 13 successive strikes during two games for singles of 303 and 375.

Following the presentations Leo Pevato put in a timely plug for "off-the-job" safety during the vacation period, and hoped all the bowlers would return in the fall, ready and able for another "striking" season.

Ross Blum is president of the Creighton-Lively Ice, and Michel Joly secretary-treasurer.

Vince Upper was such a man. He attended local schools and played in the city’s baseball and hockey leagues, progressing up to junior ranks.

He picked up his electrical knowledge working with his father, an electrical contractor, and then went into the trade for four years in Fort Erie before going to Curtiss Aeroplane in Buffalo. He worked in motor assembly and played on their hockey team for two years.

Vince, an outstanding 2nd baseman, came to Port Colborne in 1930 to play senior ball and was associated with Port Colborne teams until 1945 except for the three years he was player-coach of the Welland entry. His Welland team won the Ontario Senior title in 1942.

He played senior hockey for the Port Colborne Sailors from 1930 to 1940, first as a forward and later moving back to police the blue line. This hockey club won the Ontario Senior B championship in 1937. "I think I was better at baseball than I was at hockey," reflected Vince, "but I liked hockey better. There’s lots of body contact and you’re in the game all the time."

Vince started his long career with Inco on June 25, 1936. He is retiring under the special early service retirement provision with over 31 years of service as an electrician.

He was first married in 1927 to Edna Bremner, who died in 1950. Their two daughters, Anita (Mrs. Reno Gogos) and Beverley, both live in Port Colborne. Their son Wray, who resides in Galt, manages that city’s Intercounty baseball team. There are seven grandchildren.

His second marriage was to Marie Wardell in 1951. Vince plans on building his own cottage at a summer retreat in the Powassan area soon. He will do a little fishing and a lot of relaxing and is looking forward to enjoying his retirement.

"Dinner (surprisingly): "Why do you call this ‘Enthusiastic Stew’?" Waiter: "Because the chef put everything he had into it."

Not often do people become stars in two entirely different sports, but Vince Upper was such a man. He was as much at home on hockey ice as he was on a baseball diamond.

Vince was born on a farm in Beachwood, near Niagara Falls, the family moving to Welland when he was six. He attended local schools and played in the city’s baseball and hockey leagues, progressing up to junior ranks.

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Pete Struk

New service pensioner Pete Struk is off to a real flying start — his first retirement filing after 33 years with Inco will be a flight to Europe and a three-week visit to his home town of Zowkwa in the West Ukraine. It will be his first trip back since he left for Canada in 1927.

Pete worked as a carpenter on construction of the Company's
“Boeing! Boeing!” Signals Live Theatre’s Welcome Return to Thompson

Joe Gregoire
“We’re good company, Joey and me,” said Joe Gregoire as he opened the door of the budgie cage and let the colorful bird fly into the room. “Just a couple of old-timers with nothing to do but sit in the sunshine and watch the rest of the world go by.”

Benny Sanko
Born in Berzete, Gomor Megye, Hungary, in 1903, Benny decided to leave Europe in 1925, after serving a good life.

At Management Course in Mine Rescue Techniques

A management course inmine rescue techniques was attended recently by some 70 of Inco’s senior mines and reduction plants supervisors, and all safety supervisors, in the Sudbury area.

Benny Sanko
“I’ve got good health and I’m looking forward to doing a lot of hunting and fishing,” said Benny Sanko, retiring furnaceman with over 40 years of service, all in the anode department of the Port Colborne nickel refinery. “Sure the work was hot at times, especially in the summer, but it has provided me and my family with a good life.”

Born in Berzete, Gomor Megye, Hungary, in 1903, Benny decided to leave Europe in 1925, after serving over 40 years of service, all in the anode department of the Port Colborne nickel refinery. "Sure the work was hot at times, especially in the summer, but it has provided me and my family with a good life.”

Colborne nickel refinery. ‘Sure the work was hot at times, especially in the summer, but it has provided me and my family with a good life.”

Still single, Joe figures that he never stayed long enough in one place in his younger days to get involved. "And when I did settle down, I was too old.”

He's on the move again now. Sudbury based, he plans to visit seven brothers and sisters scattered from east to west in Canada and in the U.S.

Mr. and Mrs. Sanko
Born near Quebec in 1903, he grew up on 360 acres of homestead near Dollard, Saskatchewan, fourth in a family of 12, and left the wheat fields for construction in 1920.

A single man, he joined the Canadian army in 1941, sailed for France on D-Day as a rifleman, and recalls that “we spent 56 days in the trenches in Normandy without taking our boots off and without a shave. We were a regular bunch of gophers.”

After discharge in 1946 he returned to the West, found nothing to keep him there, and joined the Company in 1947 as a conveyorman. He was a filterman at the Nickel Refinery on July 7th, 1927.

He was married to Margaret Paul in 1928. Their two sons, Albert and Benjamin jr., both live in Port Colborne. Benny’s second marriage was to Jolan Champis in 1946.

An ardent sportsman, Benny enjoys hunting and fishing and is a member of the Port Colborne Conservation Club. He also raises pheasants commercially. He is planning a trip to see his brothers and sisters in the old country, where he last visited in 1956.

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"Boeing! Boeing!” Signals Live Theatre’s Welcome Return to Thompson

The revelation that Bernard was engaged to a third young thing was too much for housekeeper Bertha (Elma Parkin) and she gently fainted into the arms of Robert (Bob Conal) with his third and final fiancée Jacqueline (Judy Cochran) registred polite concern. Producer of the play was David Ker, and the excellent stage settings were the work of stage manager Martin Booteers and his crews of Ian Sparling, George Wiebe and Bruce Cochran. The cleverly acted production was well received.

Joe Gregoire
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One of the 24 choral groups that were entered in the festival, Notre Dame School choir from Hammer, beautifully rendered two bright French numbers, "Au Bord de la Riviere" and "Cecilia." Conducting in the picture is Sister Jocelyn Robert, and at the piano is Sister Aline de-Marie.

Capacity Audience at Festival Concert

A Festival Highlights Concert during which outstanding young performers entertained a packed audience at the Levack Employees Club, rang down the curtain on the successful ninth annual Omaping-Levak music festival which is sponsored by the local Lions Club. Scholarships and trophies were presented to the proud and happy young winners. Adjudicator John Sidgwick from Toronto commended the committee for the extremely well organized and smoothly run festival, but admitted his disappointment at the lack of parental attendance at the afternoon and evening judging sessions. He added that he was impressed with the high standard of musical talent in the area.

The Creighton Mine Public School grade 4 chorus was judged the most outstanding chorus in the grade school choral section of the festival. The group and their leader, music teacher Mrs. Norma Luck, were unable to attend the Highlights Concert but sent Suzanne Roy, daughter of police constable Gene Roy, and Jimmy Cormier, son of stope leader Lionel Cormier, to receive the award from Lion Bill van Raadshooven.

The Inco scholarship for obtaining high marks in several vocal and piano classes, and showing outstanding musical promise, finally found a new winner—though not a new family. The award went to talented 10-year-old Heather Holford, whose big sister Joy had claimed the honour the year before. Though not a new family, the vocal and piano classes, and showing high marks in several sessions. He added that he was impressed with the high standard of musical talent in the area.

An interesting first for the festival was the Levack Public School Orff ensemble. Along the style of the well-known rhythm band, this group combined singing with a variety of musical instruments including a xylophone, drums, tambourines, recorders, glockenspiel, guitars, wood blocks, and triangles. Designed by Germany's Carl Orff to be used with great success for the second year at Levack Public School, shown conducting the group is assistant music teacher Mrs. Anne Burt, first vice president of the festival committee for the past two years and incoming chairman for the 10th annual festival.

LITTLE HELPER

A woman had taken great pains to conceal the bottle of perfume she was trying to smuggle into the country from her vacation trip abroad, and all seemed to be going well. The customs officer had nearly finished searching her last suitcase when her little five-year-old daughter said excitedly, "Oh-h-h Mummy. He's getting warm, isn't he?"

Jack McNeil

Police constable Jack McNeil's familiar countenance will be missed by the men at shift changes at the Port Colborne plant gate. Retiring on service pension, Jack has been part of the Port Colborne security force since 1931, with the security force at the nickel refinery.

Jack was born in Bond Head, Simcoe County, in 1903. His mother died when he was six months old, and he was brought up by friends in North Cobalt. He left there when he was 14 to work in lumber camps for the next six years. He sailed a year, firing on the S.S. Sweden before he went west on the harvest excursions.

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Molted ball 4,000 miles in diameter.

I've enjoyed working here,” said Mr. and Mrs. McGowan, who have been repairing cranes at the nickel refinery in Port Colborne since they were hired on October 20, 1936, until he retired on April 15, 1968.

Hockey has been in “Goony’s” blood since childhood. Renfrew, Ontario, at the time of his birth. He married Mary Talbot of this area in 1936, and stayed with the Club until 1940. Some members of that team who are still Incoites are Bobby Morrison, Vince Upper, Umbo and Jiggs Concessi, Lloyd Fitzgerald, and Frank Gallinger. They were the eastern Allen Cup contenders in 1931 but were defeated in the finals in Winnipeg.

While in Hamilton, “Goony” first worked for the Firestone Rubber Co., then was a mechanic for a car dealership, and finally operated his own garage for a short period of time.

“Goony” accepted an offer to play for the Port Colborne Sailors in 1938, the year he started with Inco, and stayed with the Club until 1940. Some members of that team who are still Incoites are Bobby Morrison, Vince Upper, Umbo and Jiggs Concessi, Lloyd Fitzgerald, and Frank Gallinger.

He married Mary Talbot of Grimsby in 1938. They have a family of six: Mary Lou (Mrs. Ben Brownell); Bill, a hockey player with the Port Colborne Merchants and leading scorer in the Niagara district this season; Bob, an Inco research station technician; all of Port Colborne, Linda, an Inco scholar's winner in 1947, is attending St. Michael's College in Toronto and Sharon is at home.

“I’ve never worked here,” reflected “Goony”. “There are a lot of good fellows in the plant. I will probably never see some of them again after I leave. You just don’t walk out of a place after 32 years and forget it. The only thing I’m not going to miss are the last eight calls to come in and repair a breakdown.”

“Goony” will continue to follow hockey and baseball activities closely. Sons Bill and Bob insist they will get him back to golf, a game he has not played since his Hamilton days.

Red Hot Ball
The center of the earth, scientists believe, is an extremely hot molten ball 4,000 miles in diameter. Yum-Yum and Nanki-Poo kneel to receive the Mikado’s blessing in the final scene of the Glee Club’s brilliant presentation of famous Gilbert & Sullivan opera at Thompson.

Thompson Glee Club Staged “The Mikado” In Professional Style
R. D. Parker Collegiate Glee Club gave Thompson audiences a hugely enjoyed treat when they staged an all-time Gilbert & Sullivan favorite, “The Mikado”, in May 6, 7 and 8 in the school auditorium.

Ernest Dueck directed the eminently successful production. The cast of 40, which included some members of the teaching staff and junior students as well as the senior students involved in the Glee Club, showed unusual musical talent as well as broad appreciation of the delightful humor with which the libretto abounds.

Three months of faithful practice went into preparation for the opera. Loyal troops of backstage performers handled the props and makeup. The gifted pianists, Mrs. R. M. Melatty and Merrilee Hoeppner, worked tirelessly, as did the prompter, Monica Becker.

David Ker, Bruce Downie, and Mrs. E. F. Parkin skilfully arranged the stage settings, Bob Flannery was responsible for lighting and curtains, and Maureen Crawford produced the hair stylings.

Bruce Downie played the part of Nanki-Poo, son of the Mikado, who ran away from his father's court to escape a contractual marriage with his old nurse Katisha (Linda Knox) and disguised as a wandering minstrel, turned up at the court of Titipu in love with Yum-Yum. That young lady (Candace Wiebe) also had her problems, being betrothed to her guardian, the conspiring Ko-Ko (Gerald Wiebe). Things took a bad turn for the young folks when Ko-Ko was appointed Lord High Executioner and promptly plotted to use his snickersnipe on poor Nanki-Poo. But the Mikado (John Maddison) appeared on the scene searching for his lost son, Nanki-Poo and Yum-Yum got his blessing, the wicked Ko-Ko was doomed to a fate worse than death by being ordered to marry Katisha, and the opera wound up "with joyous shouts and ringing cheer."

Profitable for a car dealership, and finally worked for the Firestone Rubber Co., then was a mechanic for a car dealership, and finally operated his own garage for a short period of time.

They were the eastern Allen Cup contenders in 1931 but were defeated in the finals in Winnipeg.

While in Hamilton, “Goony” first worked for the Firestone Rubber Co., then was a mechanic for a car dealership, and finally operated his own garage for a short period of time.

Instant success attended the production. First of all, the cast made up of 40 members enjoyed the work, and the public response was not only enthusiastic but also generous in contributions. The profits are to be divided among various school organizations.

JUNE, 1968
Century Old, "Uncle Jud" Is Alert, Happy

International Nickel's oldest living pensioner, Alond Judson Webb will celebrate his 100th birthday on July 6.

When he retired on pension on January 1, 1937, he had completed just over 20 years of consecutive service with the Company at Copper Cliff, although he first worked there in 1901.

The distinction of all-time longevity for an Inco pensioner belonged to Thomas A. Lloyd, a former employee of the Mond Nickel Company at Clydach, Wales, now International Nickel Limited. Mr. Lloyd reportedly was 105 years of age, and at the time of his death on March 11, 1954, was believed to be one of the oldest pensioners in the world.

There does seem to be any reason why Judson Webb can't take that record in his stride, the way he's going. Bernini and Evelyn Scharf, with whom he resides on Highway 17 West, seven miles from Copper Cliff, will hold open house for the tall, courteous old gentleman on July 6 from 2:00 to 6:00 p.m.

This the second time that Mr. Webb has appeared on the cover of the Triangle, the first being in 1963 when he celebrated his 95th birthday.

"My secret of long life?" he repeated, when asked the inevitable question that occasion.

"Well," he said with a chuckle, "for months Uncle Jud and Bernie Scharf have been kidding about a big boxing match they're going to stage on Uncle's 100th birthday. In his prime for a triangle Bernie got a taste of what to expect, to the delight of sons Ray, 12, and Merv, 14. Uncle feinted with his left and uncorked a lightning right to the jaw. "That's just a sample," he said.

"And life with the Scharfs is certainly full of fun and interest for their beloved uncle, who feels himself so much a part of the day-to-day family activity that he's inclined to forget all about the great distinction of having lived for a full century. If he had his way, he would just pass quietly, without any special fuss. "I'm very happy, and everybody is very kind to me, and as soon as I get this old leg back into shape I won't have a worry in the world."

"Uncle Jud," said the photographer, "Jud" Webb came to the Scharf's residence for the tall, courteous old gentleman for their beloved uncle, who feels himself so much a part of the day-to-day family activity that he's inclined to forget all about the great distinction of having lived for a full century. If he had his way, he would just pass quietly, without any special fuss. 

"I'm very happy, and everybody is very kind to me, and as soon as I get this old leg back into shape I won't have a worry in the world."

"Wonderful Spirit, Vitality"

"This old leg" is his left one, which is slowing regaining strength following a fracture of the hip he suffered in a fall 10 months ago. After five weeks in hospital he was brought home, and is now getting around quite well with the aid of a cane. He is full of determination. His orthopaedic surgeon, Dr. K. A. McCluskey of Sudbury, says he has made a truly extraordinary recovery. The fracture was quite high up, so we put a Moore's prosthesis. It says a great deal for his spirit and vitality that he even came through the operation at the age of 99. I am delighted with his progress. Mr. Webb spends much of his time reading. By family agreement the daily paper is brought to him first when it arrives at the house, and he reads it all, even the want ads. He also enjoys Life magazine, the Star Weekly, and other periodicals. He retains what he reads, and readily discusses any current topic. His memory is amazing, his hearing only slightly affected.

He is up bright and early every morning, sometimes takes a rest in the afternoon, and usually goes to bed shortly after the evening meal. He eats heartily, with no special diet. He smokes his pipe moderately, and likes an occasional glass of wine or a drop of brandy in his coffee, although all his life he has been abstemious with spirits. "He is wonderful company, and no trouble at all," says his charming niece Evelyn, whose life is full of good works at home and in the community, and with whom he came to live eight years ago. "We're very proud of him."

Holds His Own in Joking

But his greatest joy is in the affectionate kidding that goes on daily between the Schart boys and their Uncle Jud. The deadpan exchanges between him and Bernie, a shipping boss in the fluid bed roasting plant at Copper Cliff, are classics in which Mr. Webb, his eyes sparkling with humour, gives just as good as he gets and often better.

For several months now, as an example, they've been toasting it back and forth about a boxing match to which Bernie challenged the old gentleman for his 100th birthday.

"We'll put up a ring out there in front of the house so all the guests can watch," says Bernie. "But you'll probably lose your nerve at the last minute."

"There'll just be two hits," retorts Uncle Jud. "I'll hit you and you'll hit the ground."

"Uncle would probably scorn to put on the gloves," chimes in Evelyn, and it's not hard to tell whose side she's on. "He'd sooner fight bare knuckles, like John L. Sullivan."

The achievements in both school and sport of the four Scharf sons, Tom, Ted, Merv and Ray, are a constant source of pride and delight to Mr. Webb. "They're fine boys," he says. "They love to tease me, and I enjoy every bit of it, but they're always polite and thoughtful."

Young Tom, 16, has special rank these days, having been chosen "Athlete of the Year" at Lo-Ellen High School, and invited to report to Kitchener next fall for a tryout in the Junior OHA. Inco Triangle was only three issues old when Mr. Webb went on pension. Our issue dated December, 1936, carried the story of his retirement, in part as follows:

At Copper Cliff First in 1901

Triangle found Mr. Webb in his comfortable Elm Street home in Sudbury. It turned out that Creemore, near Collingwood, was his birthplace, and the year was 1868. After some years of partnership in a photographic enterprise with his brother, who became a noted photographer, "Jud" Webb came up to Copper Cliff in 1901, and went to work at the Orford Refining Co. plant, which stood on the site of the Canapin ice plant. He transferred to the West Smelter, and when it was destroyed by fire on June 14, 1904, he and other smelter men were sent to the Mond Nickel Co. smelter at Victoria Mine while a new smelter was being built at Copper Cliff.

"In July of 1904 they worked fast in those days the first blast

Continued on Page 19
Almost 50 past and present associates of Miss Jean Bell at the general offices of Copper Cliff attended a retirement banquet in her honor at the Sheraton Coswell. She was presented with a gold watch by Miss Doris Wilkie. In charge of the much enjoyed reunion was Miss Dina Minoridi. In the group picture are:

Jean Bell

A familiar voice to many, and personally well known and liked by many more, Jean Bell has spoken her final cher "Hello" from the Copper Cliff general office telephone switchboard and has entered retirement after 33 years with Inco.

Born in Copper Cliff of Scottish parents who left Glasgow in 1906, Jean grew up in Coniston, Sudbury and Espanola, and after attending Sudbury Business College started to work for the Espanola Pulp and Paper Company as a stenographer in 1928.

After that plant closed in 1929, she moved to nearby Manitoulin Island as typist in the office of Turner's stores in Little Current. Jobs were pretty uncertain in the hungry thirties, and during the next few years Jean pounded typewriter keys at Evans Lumber Company, Algoma Eastern Railroad and the CPR. In 1935 she made what was to be her final move to the Inco accounting department at Copper Cliff.

"We had some husky old typewriters in those days," recalled Jean. "Making an impression on the 13th carbon copy was a real muscle-builder compared to the touch of today's electrical machines."

After working in the file room and vault, in 1940 she donned the operator's headset at the switchboard for the first time.

One year at the plugs was followed by four spent in shuttling between the file room and accounts payable, and then in 1945 she was introduced to the machine room and its marvelous acreage of addressograph stencils.

Changing, sorting, and adding to the stencil system, and working as relief on the switchboard, filled the following years of valuable and faithful service. Early last year Jean finally realized her ambition and took full command of the switchboard.

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Jean's current ambition is "to find another switchboard." In the interim period she'll take time to catalogue her large collection of light and popular music records and "learn how to use all the knobs and dials" on her 35 mm camera.

A special ceremony was held at Sudbury's citizenship court to mark Citizenship Week in Canada. The president judge. His Honor O. J. Godin, was joined by Judge Alibert St. Aubin, who gave an eloquent address on the privileges and responsibilities of Canadian citizenship.

Ten different countries of the world were represented among the 16 new citizens who took the solemn oath of allegiance to Canada, administered by Judge Godin, and received their certificates of citizenship.

Mayors J. J. Fabbro of Sudbury, R. B. Dow of Copper Cliff, and L. Poucault of Espanola reaffirmed their allegiance on this special occasion, which was attended by members of parliament and the clergy, and representatives of several civic organizations.

Following the ceremony a reception was held in honor of the new citizens, with ladies of the Imperial Order of the Daughters of the Empire and the Federation des Femmes Canadiennes Francaises as hostesses.

The oath-taking ceremony is conducted from 15 to 20 times a year at the permanent Sudbury citizenship court in the federal building.
Sid Said Most of Them Would Be “Pretty Good Hard-Rock Miners”

Proctor-Stobie superintendent Sid Sheehan had a gleam in his eye as he looked over these visitors to his mine. “We could make pretty good hard-rock miners out of most of them, although a few might be a little on the delicate side.”

The 42 enthusiastic sight-seeing members of the Sudbury & District Chamber of Commerce went down to 800 level at Frood and then climbed the ladders to 10.75 stope to watch the roaring activity of modern mining as a big Scooptram and a three-boom drill jumbo went through their paces.

Then they took the cage down to 1000 level to see the rotary tippet dump a train of 260-cubic-foot ore cars into the jaws of the powerful crusher. A tour of the new 22,500 tons-per-day Proctor-Stobie mill topped off their visit.

Chamber of Commerce president Ted Evans said, “I am the right man in second row of the first group above,” said, “It certainly was an eye-opener. You hear a lot about these modern methods at Inco, and see pictures, but you don’t really realize what tremendous developments are taking place. Many of our members had been underground at Frood on previous Chamber field trips, but it was the first time for most of this particular group, and we are certainly grateful to the Company for setting up this extremely interesting visit for us.”

Hockey Trophy Honors “Red” Maltby

George Armstrong, captain of the Toronto Maple Leafs; John “Yacker” Flynn, minor hockey convenor of the CCAA; Rick Petrenko, first winner of the new Maltby trophy; Bob Davidson, head scout of the Toronto Maple Leafs.

Honoring the memory of the late Leonard “Red” Maltby, of Copper Cliff, for 20 years the Toronto Maple Leafs’ hockey scout in the Nickel Belt, and an NOHA executive, a handsome trophy has been donated to the Copper Cliff Athletic Association.

For award annually to the most improved player on the midget team in the association’s minor hockey setup, it was presented for the first time to Rick Petrenko, 13, of Creighton, left winger on the classy lineup which Bob Harkins coached to the championship of the Nickel District league last season.

Donors of the new award are the Toronto Maple Leaf scouts association, a volunteer group dedicated to helping promising young players make it to the big time through the Leafs’ organization. Presentation took place at a banquet given by the CCAA at Casio’s. Players on the midget team and their fathers were among the guests. Percy Topling, president of the Leafs’ scouts association, turned the new Maltby trophy over to CCAA president Fred Burchell. It was presented to Rick Petrenko by Bob Davidson, head scout of the Maple Leafs.

Mr. and Mrs. McAuley

in Ayrshire, Scotland, when Jack was born in 1904, but soon returned to the Emerald Isle with their infant son. His family sailed for Canada when Jack was a child, and settled in Montreal.

Jack grew up and attended school in the French Canadian metropolis. He became interested in construction work and was employed on such projects as the Mount Royal Hotel, the Court House Annex, the News Exchange Building on St. James Street and the Montreal Water Storage Aqueduct. He also worked in western New York, Pennsylvania and Ohio before coming to the Niagara Peninsula for the construction of the Welland Ship Canal.

Jack was hired as an ironworker at the Port Colborne nickel refinery in October, 1928. His broad and varied construction experience soon won him a reputation as the “Master Rigger.” He was promoted to ironworker foreman in April, 1934.

Effie Steeves from Misspec, King County, New Brunswick, a descendant of British Empire Loyalists who settled on the Bay of Fundy in 1766, became Jack’s bride in September, 1929. Their family of five are: Edith (Mrs. Bill Winger) of Port Erie; Jane (Mrs. Frood-Stobie superintendent Sid Auley, retiring ironworker foreman at the nickel refinery, Port Colborne. Jack’s Irish parents were born in 1904, but soon returned to the Emerald Isle with their infant son. His family sailed for Canada when Jack was a child, and settled in Montreal.

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Jack has always been a strong advocate of education. He realized his own disadvantage in this respect while still a young man, and enrolled with a correspondence trade school, studying diligently for five years to successfully complete the course. His quest for knowledge has never ceased since, and this enthusiasm has been passed on to younger tradesmen and apprentices whom he has helped through guidance and encouragement to better themselves.

An active sportsman in earlier years, Jack played intermediate hockey in Montreal and participated in lacrosse, boxing, wrestling and fencing as well. His present hobbies include woodworking and reading. His retirement plans include an extended stay in Montreal.

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Doug Thom Completes 38 Years With Inco

Doug Thom's 38 years with the Company were devoted to the many and varied aspects of civil engineering, but it nearly wasn't that way at all.

Retired now on service pension from his position as assistant to the chief engineer of the Copper Cliff engineering department, Doug at one time was well on his way in the field of electrical engineering.

Going back to the beginning of things, Doug was born in Pembroke in 1903, and at 18, after being advised that electronics was the big thing of the future, he spent three years studying ergs, ohms and watts at the University of Toronto.

But heart wasn't in the electrical game, and in 1925 he got a job as survey party rodman on the construction of a power plant at Farmers Rapids on the Gatineau River. Work as instrumentman during the building of the Big Eddy dam at Turbine followed in 1928, and then a move to the site of the proposed Ontario Refining Company copper refinery at Copper Cliff in 1929.

He joined ORCo in 1930, worked as a foreman, and started his long acquaintance with the drawing board as a member of the five-man engineering department there in 1931.

The smelter and refinery engineering departments were consolidated in 1936 following acquisition of ORCo by Inco in 1935, and Doug made his final move to work at Copper Cliff for the then chief engineer, L. M. Sheridan.

In the years that followed Doug was mainly concerned with wet section plant layout for the Company's mills at Copper Cliff, Creighton, Levack, Thompson, and the Iron Ore Plant. He was appointed assistant to chief engineer N. H. Kearns in 1957.

It was in 1930 that he married his life partner, Nellie Bobb of Turbine. Their two sons are Frank, in Sudbury, and Alan in North Bay. "We have four grandchildren, three girls and a boy. He's three and is already talking to me into taking him out on a fishing trip — it must be in the blood," said Doug who is one of the most dedicated and successful trout fishermen in the district. He is also an ardent curler.

Doug took a short two week vacation at home before getting right back into a full-time job with the planning department at Laurentian University. A real holiday is being arranged for next year when he and Mrs. Thom hope to visit some of her relatives in England.

The Italian Club was the place where some 250 of Doug's admiring friends and associates gathered at a stag party in his honor and presented him with a portable color television set. "I enjoyed the party very much," said he with a grin, "until I had to get up and speak — I'm afraid that's not in my line."

Vic Fabre

Early service pensioner Vic Fabre has spent three years studying ergs, ohms and watts at the University of Toronto with her parents which makes for easy vacation at home before getting right back into a full-time job with the planning department at Laurentian University. A real holiday is being arranged for next year when he and Mrs. Thom hope to visit some of her relatives in England.

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Allan Crosson a Partner in Ambitious Sailboat Project

A 26-foot Thunderbird class sailboat is nearing completion at Port Colborne, the ambitious project of Allan Crosson of the nickel refinery mechanical department, and his friend Bill Connor of Bell Telephone. Both served with the Royal Canadian Navy. Allan's father is a captain sailing the Great Lakes.

The boys had to put a 6-foot extension on the garage at Allan's home before they tackled their big building venture, their first. They've been working on it 18 months, expect to launch in July. The maiden voyage will be across Lake Erie to Ohio.

The craft has a 7-foot 6-inch beam, a 4-foot 9-inch draft, a 1,500-lb. metal keel, and will carry 325 feet of dacron sail supported by a 38-foot mast.

The 3,800-lb. "Wee Two" is constructed from 1-inch marine plywood, with a fibre-glassed hull, will sleep four adults, and boasts a full galley. A small outboard motor will be used in docking the vessel.

Allan is shown at work on the boat. Both young men are planning to be married this year.

Mr. and Mrs. Thom

Miss Beryl Draper Taught Over 2,000 Children

Copper Cliff mayor R. G. Dow and school board chairman J. G. Rutherford enjoy the conversation in the above picture as Miss Beryl Draper chats with one of her former pupils, Kathy Pagan.

The occasion was a public reception and presentations given by the community and the school board to honor Miss Draper on her retirement after 39 years in the teaching profession.

Born in Copper Cliff, in the house at 18 Poplar Street where she still resides, Miss Draper started her teaching career in Norman Township, near the old Whistle mine, in 1929. She came to the Copper Cliff public school staff in 1933, taught grade 1 until 1945, and then with the late taxlation of growing roses and fishing the Murdock River, beside which he has his camp. A heart condition prompted Vic's retirement after 25 years with the Company.

Born in Kenora, in the picturesque Lake of the Woods district in 1906, Ed made his acquaintance with Sudbury when, at 17, he

Mr. and Mrs. Fabre

started with the Canada Creosote Company dipping ties.

He joined Inco at the crushing plant in 1942, and tended crushers, rolls, and screens until his retirement.

Bertha Wilson and Vic were married in 1930. Their daughter Jeanette is the wife of crushing plant binman Leo Tremblay, and lives in the same triplex as her parents which makes for easy visiting with the four grandchildren.

At the Laurentian Hotel Vic's friends hosted him at a stag party and presented him with a purse.

"Uncle JiuP"

Continued from Page 16 furnace in the new Copper Cliff plant was started up, and "JiuP" Webb tapped the first matte from it. He worked on the tapping floor, then transferred to the charging floor and became head feeder. Later he became a smelter shift boss. In 1911 he left Inco to work in the smelter at Trail, B.C. He returned in 1915, and since then has been foreman on the ore bins.

Mrs. Webb, formerly Emily Cressey of Sudbury, died in 1957 after some 45 years of marriage.
Ken Hopkins

Kenneth Reid Hopkins had turned his hand to many different kinds of work before he joined Inco 31 years ago. And now, after retirement on service pension from his job as sergeant with the Copper Cliff police, he's tackling a new kind of work. He's busy with the Inco agricultural department at the Copper Cliff greenhouse.

Born and raised in Collingwood, Ontario, at age 15 he left home in 1918 to build trawlers at Port Williams. "The killer 'flu of that year nearly got me," Ken recalled, and after a tough fight for survival he spent a year working in the fresh air and sunlight of a Thornbury farm.

A variety of jobs and activities followed. He was a tinsmith in Toronto, a garage mechanic in Kitchener after night school studies in the trade, a chauffeur in Collingwood, he returned to high school after a break of eight years, and then took a job in the cost department at the Collingwood shipyard.

He signed on as crew with Canada Steamships in 1922, sailed the Great Lakes until 1937, and then joined the Copper Cliff police force. He was promoted to sergeant in 1950.

Soon after he joined the force Ken married Viola Mae Allison, of Collingwood. The couple have two sons, Ken, Jr. in Orillia, and Douglas, who attends Sheridan Technical School.

Ken's long and faithful service with the force was recognized recently when he was presented with a life membership in the Police Association of Ontario at a stag party held in his honor at the Sorrento Hotel. Mrs. Hopkins received a bouquet of flowers to mark the occasion.