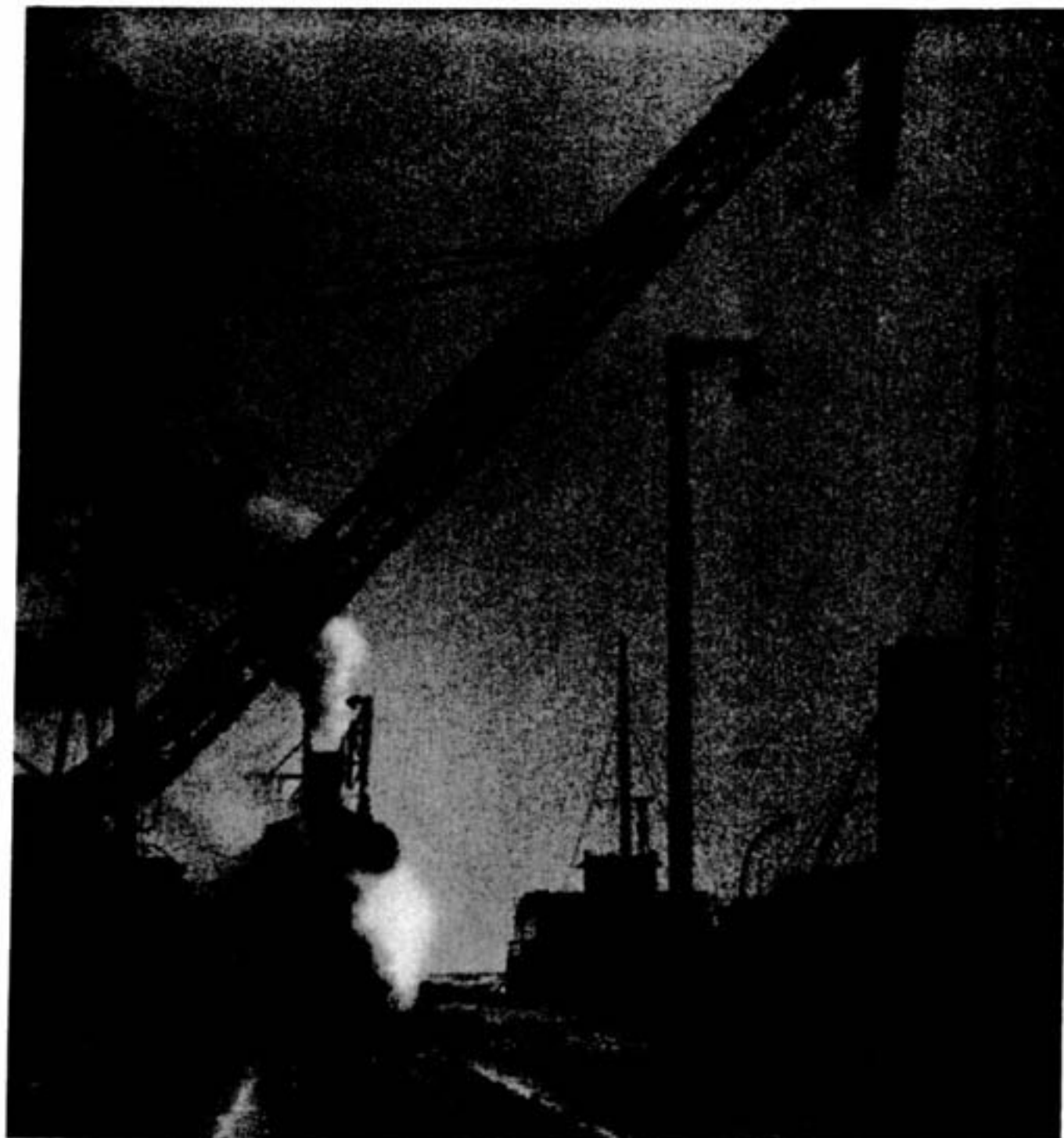




VOLUME 8

COPPER CLIFF, ONTARIO, MARCH, 1949

NUMBER 12



"Transportation"



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Don M. Dunbar, Editor

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HOW IS YOUR BRAIN-POWER?

Included in last month's healthy batch of replies to the brain-teaser was this nice note from Principal Ed Orendorff of Coniston Continuation School:

"I am laid up here in Copper Cliff Hospital with a broken leg but it's coming along fine and I expect to be home before you receive this letter."

"I had to break my leg before I could adequately appreciate the Inco Medical System and the efficiency of the Copper Cliff Hospital."

"Dr. Mowat and Miss Walker are to be complimented upon the degree of efficiency of the staff. I was never better treated in my life. However, it will be good to get home again."

We're only too pleased to pass on those fitting remarks about the people at the Hospital. They certainly must have been giving Ed the \$64 treatment, too, because even with a broken leg he got the right answer to the problem.

There are only five possible combinations of numbers that satisfy all the conditions of the problem. One of the combinations is 2 2 2 2. Since special conditions apply to all the girls but Sally; Sally then must divide hers 2 2 2 2. The conditions applying to Flora make placement of the amounts 5 1 1 1 with Clara's division 1 1 3 3. This leaves only Maria and Eva having the largest amounts in their sums definitely allocated. By a little observation and simple addition, result should look like this:

Brown Jones Robinson Smith

Flora	5	1	1	1
Clara	1	1	3	3
Maria	1	4	1	2
Eva	1	2	3	2
Sally	2	2	2	2

Among the fans we heard from were Dave Duncan of Mechanical engineering, Bette Maddock of Electrical Dept., Hugh Allan of Smelter, Mrs. Mary Andrews, whose husband George is at the Concentrator; Ed Corby of Smelter, Fred Moscrip of Port Colborne, Mrs. E. Weisenberger, whose hubby is at Frood; James Kearney of Port Colborne, Phil Forster of Smelter Research, Mrs. Norm Bell, whose husband works at Frood; Bill Taylor of Mines Research; A. J. Edwards of Creighton Mine, and J. H. Douglas of Creighton Efficiency.

Somebody sent in an interesting riddle: If you earned \$21,474,836.47 during January by having your salary doubled each day, what was your pay for the first day? The answer is one cent. Well, we'll never know.

Ed Corby of Smelter also sent in a problem about a spider and the distance he must travel to catch a fly for his dinner. Trouble with using it is that the diagram for the answer is so involved we don't know how we'd ever publish it, but thanks anyway, Ed.



Realistic Problem

A biting, snow-laden wind didn't stop the schedule of First Aid contest eliminations at the Open Pit, where they do things realistically, to say the least. According to the problem, the patient, Lorne Kennedy, had been blockholing when he was struck by a rolling chunk of muck. His injuries included a fractured leg. A First Aid team captained by Mel McNichol and including Ed Peel, Cec Cheliew, and Nels Raspberry, gave him such expert treatment that they won the right to represent the mining department against three teams from the mechanical department in the Open Pit final on March 1. Clarke Phillips, safety engineer, and Wally McIntosh, personnel man, were the judges.

Will You Be at Sea?

Now here's a mixup we've lifted from the Alcan Ingot, which credits it to J. R. Oldham, editor of Maclean Building Catalogue. They say it's a roughie, even for the experts, so let's see what you can do, sports:

Sixteen passengers on a liner discover that they are an exceptionally representative body. Four are Englishmen, four are Scots, four are Irish and four are Welsh.

There are also four each of four different ages, 35, 45, 55 and 65, and no two of the same age are of the same nationality.

By profession, also, four are lawyers, four soldiers, four doctors and four clergymen, and no two of the same profession are of the same age or of the same nationality.

It appears also, that four are bachelors, four married, four widowed and four divorced, and that no two of the same marital status are of the same profession, or the same age or the same nationality.

Finally, four are Conservatives, four Liberals, four Socialists and four Fascists, and no two of the same political sympathies are of the same marital status, or the same profession or the same age or the same nationality.

Three of the Fascists are known to be a bachelor English lawyer of 65, a married Scotch soldier of 55 and a widowed Irish doctor of 45. It is further given that the

Irish Socialist is 35, the Conservative of 45 is a Scot, and the Englishman of 55 is a clergyman.

What do you know about the Welsh lawyer?

WISDOM

Where the eye of pity weeps,
And the away of passion sleeps,
Where the lamp of faith is burning,
And the ray of hope returning,
Where the "still small voice" within
Whispers not of wrath or sin,
Resting with the righteous dead—
Beaming o'er the drooping head—
Comforting the lowly mind,
Wisdom dwelleth—seek and find.

—Anonymous.

BY ALL MEANS!

Three tourists were standing on a street corner in N. Africa. They were an Englishman, an Arab, and an American. Just then a beautiful dancing girl walked by. The Englishman said "By Jove!" The Arab said "By the prophet!" The American just shifted his chewing gum and said "By tomorrow night."

One tree type, the Douglas fir, furnishes more than half of all the lumber sawn at British Columbia mills.

INCO FAMILY ALBUM

(1) First call of the month's most enjoyable assignment, doing the Family Album, is on Mr. and Mrs. Frank Waddington of Port Colborne and their threesome: June, 10, Joan, 9, and Ronnie, 6. Employed in the carpenter shop, Frank is planning to start building a home of his own this year. (2) Mr. and Mrs. Bill Ross (Food-Stable Time Office) with their sons, David, 9, and Gerald, 5, and their niece Rhea Marie, 2, besides the family cat and the family horse. (3) Mr. and Mrs. Herman Oldroyd (Garson Mine) with Virginia, 17, Barbara, 13, and Wesley, 10. (4) A well-known Coniston family, Mr. and Mrs. Sid Smith and Ellen (Mrs. Albert Fournier), Harold, Alma, and (standing) Stanley and George. Mrs. Smith is second from the left and that's Sid on the right, since they all look so young. (5) Mr. and Mrs. Frank Brunne (Open Pit) with their two husky young hockey stars, Danny, 7, and Darwin, 8. (6) Mr. and Mrs. Jack Connors (Creighton Mine) and their happy trio, Patsy, 9, Jim, 13, and Shirley, 16. (7) Mr. and Mrs. B. M. "Mac" Forsyth (Copper Cliff Purchasing) and their two sprigs of heather, Sandy, 3, and Bonnie, 4.





Shift League Is No Place for The Timid Soul

Curling has a host of deep-dyed devotees in Sudbury District, and new addicts are succumbing every day to the lure of besom an' stane, but it's a tee-weight cinch there's no group getting a bigger kick out of the grand old game than the fellows who play for the Waterbury Cup in the shift league at Copper Cliff.

Talk about your friendly rivalry and good-natured ribbing! Expose a citizen of the sensitive, shrinking-violet type to the atmosphere in Bill Jessup's igloo when the shift curlers are in action, and you'd have a leading candidate for the booby-hatch on your hands before five ends were played. They really work one another over in that league!

They're Hot Stuff, Too

There's nothing wrong with the brand of curling, either, for all the high-pressure kibitzing that goes on. In the first of the competitions to be completed this season among all members of the club, it was a rink of shift players composed of Wally





"They Don't Come Any Better Than Old Jock!"—Plate Shop

They presented him with a mantel radio and a silver flask, and with them went the very best wishes of the whole gang to Jock Robertson of the plate shop, Copper Cliff, who retired on pension March 1. The big party pictured above was held in the Italian Hall, with chicken and spaghetti as the pièce de résistance and Terry Rupoli as master of

ceremonies. Jock, the white-haired Scot seated seventh from the left at the table, was born in Dundee on Feb. 8, 1884 and came out to Canada in 1923 to join Inco along with Davey Small of the plate shop and Bill Chisholm of the blacksmith shop. Until arthritis caught up with him he was an expert curler, and in summer was a great soccer enthusiast,

working with Jim Lawson, Alec McIntyre, Wes McNiece and others to get the game organized in the Nickel Belt. He was married at Dundee to Anne Craighan, who died in 1927. He has one son, John, who is employed in the blacksmith shop at Copper Cliff. As the boys in the plate shop say, "They don't come any better than old Jock".

Flowers, Chuck Bronson, Doug Gathercole and Arn Boyd which came out on top.

"The shift league is one of our best features and we're certainly pleased with the interest shown in it," says Earl "Stoney" Stoneman, president of Copper Cliff Curling Club.

Fifteen rinks, divided into three groups, have taken part in shift curling this winter, with draws at 9:00 a.m. and 9:00 p.m. and almost every section of the plant represented in the roster of players. Each group has played down to a winner, and now the three victorious quartets are locked in a round-robin rattle for the Waterbury tankard and the fine prizes that go with it. Johnny Cecchetto was the winning skip in the first group and Russ Hendry in the second; as we went to press Oscar Walberg and Basil O'Brien had reached the finals of the third group.

Shift teams competing in the Waterbury event this year were:

Group 1

J. Cecchetto (skip), R. Sheridan, C. Pronson, E. Gatten; A. Mash (skip), C. Marcolini, G. Pennell, J. McGuire; A. Boyd (skip), J. Simpson, W. Flowers, D. Gathercole.

Group 2

A. McNeill (skip), B. Wood, C. Meaden, W. Hodgins; W. Nelan (skip), W. McKay, V. Howard, A. Dubery; L. Ryski (skip), A. Scammell, P. Burchill, E. Crouse; R. Hendry (skip), O. Adams, J. Turnbull, J. Bray; W. Johnstone (skip), K. Harkins, H. Moeser, D. Lavigne; G. Telford (skip), R. Boyter, D. Olommi, K. Bourne.

Group 3

P. Fitzgerald (skip), J. Duncan, A. McGauley, A. Cullen; A. Ballantyne (skip), J. Brannigan, Al Boyd, B. O'Neill; O. Walberg (skip), A. McOhee, W. Wilson, H. Diebel; P. Matte (skip), A. Hall, W. Allen, T. Chellew; B. O'Brien (skip), W. Livingstone, T. Wheatley, H. Meaden; H. Hudson (skip), W. Pakkala, R. Rose, R. Taylor.

THE PICTURES

The Triangle camera looked in on a typical morning session of the shift league, and on the opposite page are some of the sights caught by its lens:

1. Joe Brannigan of Converters pleads with a frisky stone to slow down while Bill Pakkala of Shops polishes up the ice to take the shot through the house.

2. Bill Livingstone of Converters gives his skip the broom while Allan Hall of Converter Cranes anxiously awaits the outcome of the shot.

3. "Never leave 'er!" screams the skip, and P. J. Fitzgerald of Cottrell and Harold Diebel of the Machine Room are really going to work on this baby to coax it over the hog. (They had to bring out the smelling salts for Fitzgerald when this particular sweeping session was over).

4. Tom Chellew of Converters displays fine form as he gets a rock away from the hack. Tom played for keeps on that one.

5. Tom Wheatley of Converters drew through a narrow port with this one to snuggle in beside shot rock, right on the button. (It says here).

6. Al Boyd of Substation is on the reception committee for this stone, and it's Bill Allen who is begging the granite to linger a while instead of coasting right through the house.

7. A tough customer when the chips are down, they say, is Andy McOhee, seen here carefully getting the ice for a wick and roll.

8. And when the last rock is home the boys line up at the lunch counter to swap alibis while Bill Jessup dispenses the coffee and cokes. Some of the best curling in the world takes place at this time, particularly when Frank Matte and Andy Ballantyne are the skips.

General Club Events

The other rink reaching the finals of the Colts event at the Copper Cliff Curling Club which bowed to Wally Flowers' shifters was skipped by Fred Rinaldi with Tommy

Meehan as vice, Dr. Wilson as second, and George Hazelden as lead.

In the Inter-Rink competition Clarence Beach of Copper Refinery meets Bill Nelan in the finals. The Collins Cup, the club's blue-ribbon event, is now being played, and the Single Rink is still to come, health and weather permitting.

Inco curlers made a good showing in each of the three bonspiels held this season, the N.O.C.A., the Hill-Clark-Francis, and the Sudbury Motors.

There are over 100 branches of the Victorian Order of Nurses in Canada. They are distributed through every province with the exception of Prince Edward Island.



THE FALCIONI BOYS

Gino Falcioni, of Copper Cliff Hospital staff, is the happy pappy of these two fine boys: Richard, 5, and Ronald, 1½. Also on his list of favorite people is his daughter Lorna, 10.

Miner for Half a Century



When Matti Lahti, pictured above with his good wife, turned in his battery lamp at Murray Mine at the end of his final shift last month, he completed more than half a century of mining.

Anyone who thinks you can't live to a ripe old age and be a miner should try to match Matti at 65—he's as good as new and getting ready to start life all over again.

Born in Finland in 1884, Matti came to Canada at the age of 11, making his home with his parents in Copper Cliff. Two years later he went to work for the Canadian Copper Company, putting in a 10-hour day for 65 cents, he recalls.

In 1921 he broke his service with the Company to head north to the Porcupine field, where he worked for six years. Then he returned to Inco and in the ensuing years had a hand in the development and operation of most of the Company's mines. He was construction foreman at Murray when he retired. He has a wide circle of friends and acquaintances among both supervisors and the rank and file of Inco miners, all of whom join in wishing him health and happiness in retirement.

Matti was married in 1909 at Copper Cliff to Lillia Armstrong. Of their 11 children, four are living: Norman, employed in Sudbury; Bill, of Noranda; Margaret (Mrs. Wm. Foden) of Garson; Violet (Mrs. Robt. Elliott) of Sudbury. They have 11 grandchildren.

Mr. and Mrs. Lahti were honored at a

retirement party in the Sampo Hall, Sudbury, and were presented with flowers and gifts. Mike Babuik, one of the men from Matti's shift at Murray, was master of ceremonies.

Another 100,000 For Frood-Stobie

For the fifth time Frood-Stobie Mine has scored 100,000 safe shifts without a lost-time accident.

When Frood-Stobie notched its fourth 100,000 on April 27 of last year, the Safety Department scorekeepers at Copper Cliff leaned back and said, "Well, at least that should hold them for awhile."

But the men of the mine, urged to their best by their supervision and Safety Engineer Dave Lennie, buckled right into another no-accident run and on Feb. 7 completed still another stretch of 100,000 safe shifts.

How can you hold a gang like that?

An interesting sidelight on the Frood-Stobie record is the intimation that both the mechanical and electrical departments have chalked up 100,000-safe-shift marks on their own.

Looks like that place is safety-minded from top to bottom.

Portable Wiring Your Responsibility Says Fire Chief

No matter when it is issued, a warning about fire hazards is a timely warning. So it behooves us to lend an attentive ear while Inco Fire Inspector Bill Humphries passes along the following tips on "Electrical Safety in Every Room":

There are two kinds of wiring in your home, says Bill, permanent and portable. The permanent wiring is behind the walls and leads to outlets in the walls, floor, or ceiling. The portable wiring consists of flexible cords which take the current from the outlets into the lights and appliances in the room.

The permanent wiring is installed by qualified electricians in accordance with the Canadian Electrical Code for the safety of you, your family, and your property.

But the portable wiring is your responsibility. It's your job to make certain that the separate flexible cords you buy are of good quality. You can be sure of your cord sets if they carry the Underwriters' Laboratories label.

Ten Commandments

After you have done this, here are several rules for home safety:

1. Never run cords under rugs. Damaged insulation may be overlooked.
2. Do not place cords in door jambs. The squeezing which results breaks the protective covering.
3. Cords should never be run over radiators or steam pipes.
4. Disconnect heating appliances when not in use.
5. Do not disconnect appliances by pulling on the cord. Do it by pulling on the plug.
6. Do not handle any connected electrical equipment with wet hands.
7. Any appliance which gives a little shock can give a big one.
8. Electric irons should not be connected to lamp sockets.
9. Check the condition of the flexible cords used, paying attention to these danger points: worn insulation, broken plugs, loose prongs, frayed or damaged outer cover.
10. Have all electrical repairs and wiring done by a competent electrician.

One of the most severe earthquakes on record in Canada occurred along the central east coast of Vancouver Island on June 23, 1946.



PHOTOGENIC SUBJECTS

A nice indoor snapshot effort is this picture taken by Noel Shrigley, Copper Cliff, at Christmas time, of his photogenic sons Leslie, 4, and Reg, 11.

Two Outstanding Girl Groups Face Dissolution



They Need a Captain

Unless somebody volunteers soon for the job, this fine company of Inco Girl Guides will be without a leader: front row, left to right, Betty McLaughlin, June Purcell, Emily Neville, Georgina McLeod, Betty Tupling, Shirley Vaillancourt, Yvonne McPhail, Ann Stargratt, Margaret Storey; middle row, Eleanor Wharton, Barbara Vaillancourt, Hilda Fox, Lois Burmaster, Jean Young, Susie Ruff, "Cricket" Hardy, Anne Marie Gingras, Dawn Bradley, Jean Somers, Darlene Campbell; back row, Vina Funnel, Milla Luoma, Norma Tallo, Helen Maki, Ella Kupari, Donna Harmen, Joan Marie Parker, Lillian Latham, Fay Latham, Anne Harris, Velma Kari, Cleo Gamble.

Help Wanted! And the Pay Is Really Tops

A wonderful opportunity for service awaits two, or three, or four young women of Sudbury today.

The opportunity will have a special appeal to them if they are of Inco families.

They will collect their pay in a rich feeling of personal satisfaction . . . in many hours of happy and interesting companionship . . . in the privilege of observing and assisting the development of young minds and characters . . . in discovering a fine new purpose in life.

They need not hesitate to volunteer for the work just because they do not feel qualified to undertake it. All kinds of assistance will be theirs until they feel ready to carry on alone.

The captain of the Inco Company of Girl Guides and the leader of the Inco Brownie Pack are leaving the city, the former to spend a year or more in England and the latter to attend college. Unless volunteers step in to take over their work in the near future, two of the community's outstanding girl groups, recognized for the way they have responded to the splendid training they have received so far, will be leaderless.

It is suggested that two young women might prefer to share the responsibility of leading each group, and this arrangement would be entirely suitable.

People must be found to carry on the instruction and guidance of these two valuable organizations. Those whose sense of service urges them to offer their help should contact Mrs. A. Bertrand, District Commissioner, 19 Durham St. N., Sudbury, phone 4-4955.



They Need a Brown Owl

Soon to be leaderless, too, unless someone steps into the breach, is this pack of interesting little Inco Brownies: front row, left to right, Taina Seppala, Lois Moxam, Kathleen Martin, Shirley Somers, Marilyn Peterson, Dorothy Harris; middle row, Myrna Ceppetelli, Barbara Lennie, Janet Morrison, Corene Bradley, Lorraine Baxter; back row, Josie Witty, Elaine Craig, Penny Evans, Carol Anne Moxam, Sandra Hagen, Lorraine Boucher, Betty Lou Brydges, Nancy Hardy.



Safety of The Men Is First Objective in Mine Fire Routine

An ounce of preparedness being worth a ton of regret, Inco's standard procedure for coping with an underground fire is a thoroughly tested routine, timed to the second and designed to meet every challenge of the emergency smoothly and efficiently.

The first objective is the safety of the men in the mine; the second objective is to put the fire out.

Let's suppose, for the sake of description, that the two men of a motor crew discover a fire in the timber in the Main North drift on 2600 level of Frood-Stobie mine. Here's what happens:

The motor crew hasten to 2600 North refuge station and telephone the alarm to the operating shaft boss in his office in No. 3 Shaft collarhouse on surface. Now pick up the sequence in the accompanying picture layout:

The Alarm Is Received

1. The operating shaft boss on shift at the time is Lyman Cranston, seen here at his desk with his battery of seven telephones to keep him in touch with all mine operations. He's getting the call from the motor crew on 2600 now, and carefully notes the location of the fire and any other observations which the two men have made.

2. Cranston immediately proceeds to the stench room, located beside the collarhouse, removes the safety clips from the plungers on the six injector units lined up in the room, opens the discharge and equalizer valves, and with a hammer drives in the plunger on each unit, shattering six bottles of ethyl mercaptan stench. This subtle, unmistakable odor, never forgotten, flows at once into the main compressed air line and within a matter of seconds is carried to all points in the mine served by the compressed air system. The mine ventilating air then picks up the concentrated stench and carries it through the workings. The great majority of the miners will smell the stench within five minutes of the time the alarm was turned in; it will take slightly longer to reach those in more isolated sections like long headings. Over at No. 7 Shaft, on advice from Cranston, the ethyl mercaptan stench is also injected into the air lines to warn the men in that section of the mine.

3. Cranston relays the alarm to Steve Burke, compressor man in the power house, who blows the whistle warning of an underground fire to alert all personnel on surface who have prescribed parts to play in such

an emergency.

4. The operating shaft boss then rings the fire signal of nine bells on both the mine phone and the cage buzzer systems to warn everybody in the vicinity of No. 3 Shaft and the mine phone system, who as quickly as possible contact him for instructions.

Calls Out the Rescue Crew

5. Cranston also notifies the First Aid men on duty at No. 3 Shaft and No. 7 Shaft; these also have highly important procedures to follow in the event of an underground fire. Dave Sloan, First Aid man at No. 3 Shaft, notifies the Govt. Mine Rescue Station and then telephones the members of the Mine Rescue Team who are not on shift in the mine, calling them into action from wherever they may be. The No. 7 Shaft First Aid man alerts Copper Cliff, the Medical centre, and members of the mine supervision not on shift. Paul Revere, in his day, may have been a fairly smart hand at spreading the news, but he could learn a lot from an Inco First Aid man at the time of an underground fire.

6. Another key man who gets the message from Cranston is the shift electrician, Gordon Disley, who hotfoots it over to the surface fans at No. 1 Shaft, checks to make certain they are operating normally, and then breaks two bottles of ethyl mercaptan on the screens over the fan intakes. This spreads the warning to men who happen to be in the Main North drift, the fresh airway on each level, who would not be reached by the stench injected into the compressed air lines.

7. Now the orderly retreat has commenced from the working places underground. At the first whiff of the stench the miners proceed immediately to their refuge stations, and as they enter they move their numbered tags from the In to the Out position on the checking board.

Await Their Escape Route

8. Then the door of the refuge station is sealed with clay, a barrel of which is kept moist in the station at all times. The compressed air line is opened sufficiently to maintain a positive fresh air pressure in the refuge station, and the plug is removed from a small hole in the door to provide ventilation. There, in safety, the men remain until they are notified by telephone from surface that a positive fresh air

(Continued on Page 10)



Festival Hi-Lites Draw Big Crowd to Inco Club



The general public's appreciation of the Sudbury Festival of Music was expressed by a capacity audience of more than 1600 which attended a program of Festival Hi-Lites at Inco Employees Club on Feb. 21. Picture shows part of the crowd during a performance by the Elgar Memorial Ladies' Choir under the direction of Mrs. Queena V. Hawke. Generously endowed with scholarships to further the musical education of the winners, and expertly adjudicated by two eminent British musicians, J. Peebles Conn and H. Heath-Grace, the annual Festival provided an incalculable stimulus to the cultural growth of the community. The Kiwanis Club and the Sudbury Branch of the Ontario Registered Music Teachers' Association, in sponsoring it, fulfilled high ideals of citizenship. Winners could well be proud of their triumphs in such keen competition, and losers were richly rewarded too in the thrill of the contest and in the scholarly and friendly advice of the judges. Outstanding competitor was Copper Cliff's Mrs. Jessie Borland, whose score of 95 in the open piano event for the Dr. H. M. Torrington Trophy was the highest in the Festival's final jousts.

Fire Procedure

(Continued from Page 9)

escape route has been provided for them from their refuge station to surface.

9. Fire-fighting headquarters have been established in the shift boss office adjoining the collarhouse on surface where, studying their maps of the mine, members of the supervision plan and carry out a method for evacuating the men and extinguishing the fire. In this group are Joe Ressel, construction foreman; Norman Wadge, underground foreman; Keith Segsworth, ventilation and fire control engineer; Harry Smith (seated facing camera), assistant superintendent; Jack Cullen, underground foreman.

10. It is decided to bring the men out of the mine via the main hoisting shaft, No. 3, although both No. 1 Shaft and No. 7 Shaft

are alternate escape routes if No. 3 cannot be used. So an emergency crew equipped with Chemox oxygen apparatus proceeds underground to clay up the steel fire doors on all levels except 2600, on which the doors are opened between No. 1 Shaft and No. 3 Shaft to establish a positive flow of fresh air up No. 3 Shaft.

Then, as the escape route on each level is checked and found clear, the men are brought from the refuge station to No. 3 Shaft and hoisted directly to surface. When they reach surface they punch out in the usual manner, as a check against the list kept by their shift boss, to make certain that every man has been brought from the mine.

Specialists in Mine Emergencies

11. Another Chemox-equipped emergency crew in the meantime take a hose reel from surface down to the shaft station on 2600 level, and leaves it there in readiness for

the Mine Rescue Team. These highly trained specialists in handling mine emergencies, whose work will be the subject of an article in a later issue of the Triangle, are now arriving at the mine from their homes or wherever Dave Sloan's telephone found them, are donning their McCaa breathing apparatus, and will shortly descend to 2600 to battle the fire and to carry out any rescue work it has made necessary.

And that, in broad outline, is the procedure at an Inco mine in the event of an underground fire. It's a highly impressive piece of organization.

PAUSE THAT REFRESHES

"We are now passing the most famous brewery in Berlin," explained the guide.

"Oh, no, we're not!" replied the visiting Canadian as he hopped off the sight-seeing bus.



Becoming Canadians

Organized in connection with the provincial government's program of community projects, a class in Canadianism is being conducted for a large group of D.P.'s now living in Levack. The men are employed in the mine, the girls in the hotels. Two evenings a week the enthusiastic students, most of whom have the equivalent of high school education, take lessons in English and citizenship given by Principal P. W. T. Yuill with Miss Edo Lively assisting. Keenly appreciative of the chance to assimilate themselves, the new citizens work hard at their studies and are making excellent progress. Mr. Yuill says. Included in the group are Lithuanians, Latvians, Estonians, and Poles. Picture shows part of the class, with Mr. Yuill on the left and Miss Lively on the right.



Family Compact

It's all in the family when the Mallette team wins a game in the Levack Employees' Club bowling league. Left to right are Bert, Ray, Alf, Pete, and Ernie. And for spares there are two other brothers, Edgar and Babe. The Mallette team won the league in 1947, made the playoffs last year, and are well up in the running for the 1949 championship. All the boys work at Levack Mine except Roy, who is employed in a local store. Their father, Sam Mallette, who died two years ago, was originally employed by Mond Nickel Co. Two of their sisters, Mrs. O. Laberge and Mrs. I. Farrow, and their mother, live in Levack.

Sportsmen Honor Kenneth Clarke

At the charter night in Toronto of the newly incorporated Ontario Federation of Anglers and Hunters, of which he was one of the originators, Kenneth S. Clarke of Copper Cliff was presented with the beautiful Carling Trophy for making the greatest individual contribution to conservation in Ontario during 1948.

A lifetime lover of the great outdoors, Ken Clarke has travelled, often alone, to many far-away places where the natural resources and wildlife of the North have not been marauded by careless hunters and fishermen. He has long been imbued with the gospel of conservation and has preached it at every opportunity. His enthusiasm and encouragement have had a far-reaching influence in awakening sportsmen to the necessity of protecting their great playgrounds, and the distinction accorded him at Toronto was well and truly earned.

EVER SEE ONE?

"Which has more legs", asked the little boy, "a cow, or no cow?"

Puzzled, the fond parents did not know, but ventured the guess that a cow had more legs.

"No cow has eight legs," replied the young hopeful.

Inaugurates New Feature

The striking photographic study on the cover of this issue was made by Dr. G. B. White, A.R.P.S., Port Colborne, and is a particularly happy selection to introduce a new series for Triangle readers.

We have invited the enthusiastic members of the Port Colborne Camera Club, many of whom are Incoites, to send us a picture each month, taken by one of them locally, and also to send a description of how it was made and a discussion of its good and bad points. We think camera fans will enjoy this feature and find it helpful in their hobby.

Jim Walter contributes the discussion of this first Picture of the Month as follows:

"On Jan. 9 about 24 of our members were divided into four teams and started out to make their own interpretations of four broad subjects, one of which was Transportation.

"The day was dull; there were no clouds, sun or snow to provide contrast. Dr. White's picture was selected as the best treatment of the subject matter under the conditions encountered. He made his exposure on Super-Pan Supreme, 100th of a second at f:8.

"The print was purposely made in 'low key', which means that it is predominantly in dark tones. This was the most suitable treatment possible, due to the very flat lighting conditions. A straight print under these conditions would have lacked contrast and



interest, and the sky would have been a blank white. For good print quality the tones should range from a good black to pure white. This print fulfills this requirement, and, also, close inspection of the original shows that detail is present in the deep blacks, although some of this may be lost in reproduction.

"Composition is satisfactory. The eye rests automatically at the centre of interest, the locomotive engine, which is emphasized by the jets of white steam. It is good policy to avoid having the centre of interest located directly in the middle of any print, and in this case it is well-placed in the lower third of the print, with railway tracks leading directly to it.

"Since we have found little to criticize in this print, an effort has been made to point out why it is considered a good one. Next time a print with more imperfections will be selected, and we will try to point out the faults and suggest methods of improvement."

Tap the Kitty for Extra Bucks



Art and Ozzie Know the Secret

Mr. and Mrs. Art Bouchard bought this attractive site on McFarlane Lake Rd., and gradually their new home took shape. Except for big items like installing the furnace, Art did all the work himself in his spare time, never missing a shift from his job at the smelter in Copper Cliff.

So finally they moved in. It was a proud moment, crowning point of many years of working and saving.

"Next thing," said Mrs. Bouchard, with an eye to the future, "I'd like an electric washing machine."

Last month the Suggestion Plan Committee announced an award of \$177.00 to A. Bouchard, reverb fitter, for his idea to improve the cast feed track on the roasters.

The electric washing machine cost \$173.00.

It was Art's first entry in the Employees' Suggestion Plan, but now he knows where to look if his wife happens to drop a casual hint about a new chesterfield suite, or even a new car.

In the first of the above pictures Art and daughter Dianne, 4, watch while Mrs. Bouchard puts her snazzy new washing machine through its paces.

And in the second picture is a fellow by the name of O. Miller.

When the people in charge of the Suggestion Plan records got the memo that he was to receive \$33.00 for an improvement to the pinion gears on the crushing plant oil pumps, they cried, "What, that guy again?"

Since the inauguration of the Suggestion Plan, Ozzie Miller, a fitter in the crushing plant, has collected awards as follows: \$25.00, \$10.00, \$5.00, \$5.00, \$5.00, \$10.00, \$5.00, \$15.00, \$5.00, \$19.00, and \$33.00. Or a total of 12 suggestions for \$142.00.

"This stuff isn't hay," says Ozzie. "Why don't you gather some of it?"

He's talking to you.

The gross value of Canada's pulp and paper output for 1947 was \$707,000,000, up 34 per cent from 1946.



THE MAN WHO COUNTS

"It is not the critic who counts; not the man who points out how the strong man stumbled, or where the doer of deeds could have done better. The credit belongs to the man who is actually in the arena; whose face is marred by dust and sweat and blood; who strives valiantly; who errs and comes short again and again; who knows the great enthusiasms, the great devotions, and spends himself in a worthy cause; who at the best knows in the end the triumph of high achievement; and who at the worst, if he fails, at least he fails while daring greatly; so that his place shall never be with those cold and timid souls who know neither victory nor defeat."

—Theodore Roosevelt.

Since Canada's first National Park was created at Banff in 1885 the system has grown to include 26 parks with an area of over 29,660 square miles. It stretches from the Selkirk Mountains in British Columbia to the east coast of Cape Breton Island, Nova Scotia.

Harry Trotter Given Great Send-off at Smoker



There was a big turnout at a smoker in the Italian Hall, Copper Cliff, to say goodbye to Harry Trotter of the Orford Dept., who was retiring after credited service of 33 years and one month with Inco.

The popular veteran was given resounding applause after he was presented with a handsome liquor cabinet on behalf of the gathering. Assistant Vice-President J. R. Gordon doing the honors. Several speakers testified to the good name of the guest of honor as a loyal friend and a conscientious, co-operative fellow-employee. One or two threatened to "tell everything" but failed to do so, perhaps because there was nothing to tell but more likely because they were afraid Harry might turn the tables on them.

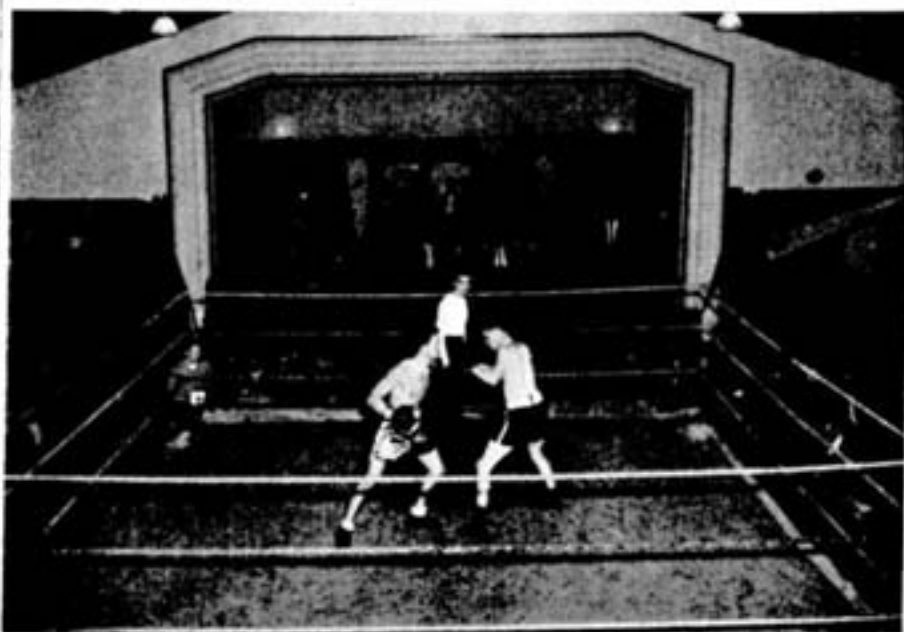
In the picture above, taken through the smoke screen following the presentation, Harry stands in the centre behind the present the boys gave him. In the front row, from the left are Arni Kuismann, Arthur Brooks, J. R. Gordon, Norman Pierce, Jim Lawson, Harry Trotter, Bill Jessup, Bill Rogers, D. Finlayson, and J. O'Riordan. Among the others in the background are A. Martinnen, B. O'Brien, C. Heale, W. Somers, A. Montgomery, A. Signoretti, A. Johnson, and C. Macon.

Harry Trotter was born on Dec. 26, 1883, at Queensboro, Hastings County, but didn't get hooked up with the nickel industry until March 17, 1915, when he went to work in the machine shop at Creighton Mine. Three months later he transferred to the smelter at Copper Cliff, and except for two months in 1922, when he worked in the Port Colborne Refinery, he remained a smelter man. For several years prior to his retirement he was a general foreman in the Orford building.

He was married at Queensboro in 1902 to Lucy Collins and they have one son, Bill, who has some 20 years of service to his credit in the reverb department at the smelter.

Mr. and Mrs. Trotter have gone to Hamil-

ton, where they have purchased a home, but nobody expects it will be long before Harry out him, visit with his old cronies, and give the local gardens a professional once-over.



Swatfest at Creighton

The thud of pounding leather and the screams and moans of 400 bloodthirsty fans shook the rafters at Creighton Employees Club during its first boxing show in four years. There were two knockouts in the highly successful seven-bout swatfest. Picture shows the main bout in which Joe Glibb, left, hard-hitting Creighton miner, fought to a draw with the fast and shifty Duncan Yates from Inco Employees Club, Sudbury. Third man in the ring is "Squink" Falconi, referee. Tom Mulligan was the promoter, Tom Starkey, the matchmaker, and Stan Dobson the announcer of the show. All the Creighton fighters were coached and trained by Barney Barnicott.



In the first picture Richie Gallagher of Inco Club, Sudbury, has just taken care of one of those tricky little close-in returns, and the bird is on its way back over the net for a drop shot that will be hard to handle. In the second picture Richie is very much on the alert as his partner, Jerry Myers, smashes a soft one.

RYAN CLUB LEADS THE LEAGUE

For reasons best known to us, but quite apparent to anybody who cares to give a look, we are not taking an active part in badminton lately. There's too much ballast.

They tell us, though, that locally the game is having one of the best seasons it has en-

joyed since Jack Purcell donned rompers, seized the family flyswatter, and proceeded to herald his destiny by beating the stuffing out of his mother's ball of darning yarn.

Divided as usual into two sections, the Nickel Belt Badminton League is a hotbed

of competition. Standing in the A section as we go to press is Ryan, Copper Cliff, Inco Club, and Y.M.C.A. (tied) and Falconbridge. In the B section CYO is leading, followed by Creighton, Copper Cliff, Inco Club, YMCA, and Falconbridge.

Highlight of the season will be the Northern Ontario championships, slated for Inco Employees Club in Sudbury with the finals on March 6.



This Inco Club team of Eileen Van Allen and Dorothy Purvis, in another action shot at the employees' recreational hub in Sudbury, have a sure point as Miss Van Allen completes an overhead smash. In the second picture Mrs. Dollna DeSoto heads for the net to smother the return on Mrs. Muriel Byers' drive.

Inco Executive Rearrangements



Robert C. Stanley continues as chairman of the board of directors, Inco.



Dr. John F. Thompson, new president of Inco, was executive vice-president.



Dr. Paul D. Merica, a vice-president since 1936, is now executive vice-president.



Henry S. Wingate becomes a vice-president and continues as Inco secretary.

Dr. Thompson New President

In executive rearrangements of Inco, announced on Feb. 7, Robert C. Stanley, president since 1922 and chairman and president since 1937, was succeeded as president by Dr. John F. Thompson, executive vice-president since 1936. Mr. Stanley continues as chairman of the board. Dr. Paul D. Merica became executive vice-president, and Henry S. Wingate became a vice-president and will continue as secretary. There was no change among other officers of the Company.

Continuing as chairman of the board, Mr. Stanley will remain closely associated with the direction of one of the world's leading and most successful mining and metallurgical enterprises.

Under his chairmanship, International Nickel has become the world's largest producer of nickel and platinum metals, and the largest copper producer in the British Commonwealth.

Started With Inco in 1901

Mr. Stanley joined the company in 1901, becoming general superintendent of its refineries in 1912, a director in 1917, vice-president in charge of all operations in 1918, president in 1922 and chairman and president in 1937.

Mr. Stanley is a director and member of the finance committee of the United States Steel Corporation and a director of the Canadian Pacific Railway Company, of Amalgamated Metal Corporation Limited (Great Britain) and of the Chase National Bank of the City of New York.

Dr. Thompson joined the Company as a metallurgist in 1906, becoming manager of operations in 1921 and assistant to the president in 1928. In 1931 he became a vice-president, director and member of the execu-

tive committee, and in 1936 executive vice-president.

He supervised the construction and initial operations of the Company's Huntington, West Virginia, works, founded for the production of non-ferrous alloys. For many years the Company's production in the United States and its operations and markets in Great Britain and Europe have been among the matters in his particular charge.

Distinguished Associations

Dr. Thompson is a director of the American Metal Company, Limited, and of the Texas Gulf Sulphur Company, Inc., and a trustee of the Bank of New York and Fifth Avenue Bank. He is past president of the Mining & Metallurgical Society of America, and an honorary member of the Institute of Metals (Great Britain).

Dr. Merica first became associated with the Company in 1919, becoming director of research and subsequently associate manager of the development and research department. He became assistant to the president in 1931, a director in 1934 and a vice-president in 1936.

Has Evolved Many Alloys

In addition to his responsibilities as vice-president he has continued to give special attention to the Company's research activities in Canada, the United Kingdom and the United States. He has evolved numerous iron-nickel and copper-nickel alloys and is the author of many technical papers and articles.

Dr. Merica is a director of the American Metal Company, Limited, and a member of numerous engineering societies.

Henry Wingate was associated with the firm of Sullivan and Cromwell, general counsel to the Company, from 1929 until 1935, when he joined the organization as assistant secretary of the Company and assistant to the president of its United States subsidiary. He became secretary of the Company in 1939 and a director in 1941.

Zero Hour Is Nigh on Them

The zero hour seems to approach by jet propulsion for First Aid teams grooming themselves for the final competition and the R. D. Parker Trophy emblematic of Inco inter-plant supremacy.

As the time draws shorter the boys are burying their noses deeper in their manuals in a last frantic move to master all the fine points of the splint and bandage business.

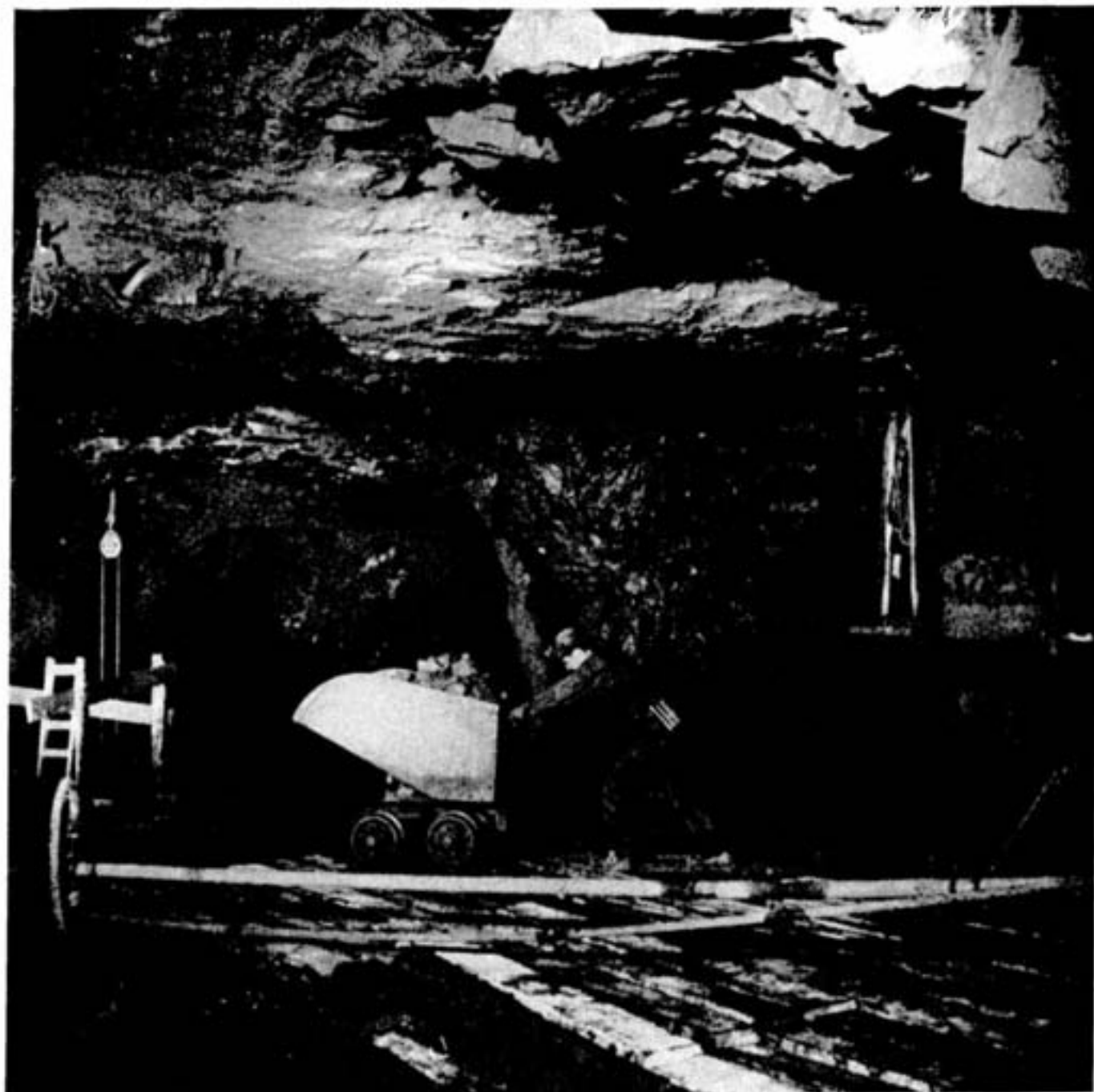
On Tuesday evening, March 22, the championship teams from surface plants will compete for the Duncan Finlayson Trophy in the Inco Employees Club auditorium, commencing at 7.15 o'clock. Taking part will be Copper Cliff Plant, Copper Refinery, Open Pit, and Coniston.

On Thursday evening, March 24, starting at 7.15, also in the Inco Club auditorium, the winning teams from the mines will battle it out for the H. J. Mutz trophy. In this event will be First Aid lineups from Frood-Stobie, Creighton, Garson, Levack, and Murray.

Winners of the Finlayson and Mutz trophies will meet in the Inco Club auditorium on Thursday evening, March 31, at 8.00 o'clock, in the grand showdown for the Parker Trophy and the Inco First Aid title.

The steadily increasing public interest in these exhibitions indicates that there will be large crowds on hand to encourage the teams as they take the floor for the final tests.

Canada has over 42,000 miles of railway track. Only Russia and the United States have more.



**Running Fill in a Cut-and-Fill
Stope at Garson Mine**