

INCO TRIANGLE

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Don M. Danko, Editor

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God Bless Us, Every One

We don't mind admitting that we're prouder than punch of the feature on Pages 8 and 9.

Those 22 Inco families are gathered around the finest Christmas tree in the world. Every one of them can open and share to heart's content the big gift packages which lie below it. Not only on Christmas morn, but on every day of the year, they can share them. Not only next year, but every year.

Getting the picture for the layout was a barrel of fun. It's always nice to cruise around and drop in at homes here and there for picture additions to the Inco Family Album, but this time it was more interesting than usual because of the nationality theme.

And there were special memories, too. Ben Peterson's young fellow sang us several songs, in a sweet boyish soprano which would listen well on anybody's radio. Little Doris Jensen was frightened by the camera, and her mother finally had to bring out the Christmas doll before she'd settle down to face the lens. The Svarezkopf girls did a lot of high class giggling and we're afraid it was at us. Marcel Schumacker, the Belgian, treated us to a sip of fine Scotch, and Joe Szendrey brought out some remarkably good home-made wine. Mrs. Ruggier and her family had arrived only a few days previously from Malta, and her two little sons were vastly excited about everything in this new land.

All these good Canadians we found happy and contented, proud of their homes and proud of the life they are leading. It speaks well for the company which employs them, and the country to which they are eager to contribute the best of their racial background and culture, that they are so.

To all of them, to all our readers, to the many splendid fellows whose co-operation makes the publishing of the Triangle a pleasure, we extend our best wishes for a Merry Christmas and a Happy New Year.

God bless us, every one.

Yuletide Greetings from the Vice-President



To all members of the
"Inco Family",
A Merry Christmas and
a Happy New Year!

L. Beattie

Levack Miner Collects \$696 Suggestion Jackpot



Bill Sproule Is The Big Winner

Not in many a moon will Mr. and Mrs. Bill Sproule and son Bob of Levack forget Christmas of 1948.

Last week Bill was presented with a cheque for \$696.00, his award for an idea which he had submitted under the Employees' Suggestion Plan. When the Triangle camera pointed at them, at the home of some relatives they were visiting in Sudbury, they had no trouble at all in flashing some very broad and happy smiles; in fact young Bob, who is 9, was so tickled we thought he was going to toss in a couple of whoops and a holler, just for good measure.

If a man and his family are going to receive a windfall of \$696.00, the Sproules heartily agree that Christmas is a very handy and appropriate time to do so. And it couldn't happen to a more appreciative trio, either, they assured us.

Bill recalls, as clearly as if it were yesterday, the morning the brain-wave hit him. He was on the job in 1.1 pillar on 12 level at Levack, and suddenly he wondered why the Company didn't save money on its powder bags by buying army packsacks left over from the war.

Stan Snyder, then a shift boss, came into the pillar on his regular morning round, and

Bill mentioned the idea to him. "Sounds logical enough to me," said Stan. "Why don't you turn it in to the Suggestion Committee?"

So that night Bill wrote out his idea and dropped the paper in the Suggestion Box.

At its next meeting the Mines Suggestion Committee chuckled at the simplicity of Bill's idea and immediately ordered it to be tried out. Investigation eventually showed that the army packsacks were too small to replace regulation powder bags in the larger working places of the mine, but would be suitable otherwise and would bring about a substantial saving. So they pulled the old lever and down came a \$696.00 jackpot.

William Burton Sproule was born at New Glasgow, N.S., in 1914, the son of a Salvation Army officer. When he was a boy of eight his father moved the family to a farm near Stayner, Ont.

Bill came to Inco from the farm in 1936, and was posted to Frood underground. In July of the next year he quit, but returned to the Company in September, and went to work at Levack. He enlisted in March of 1942 and served four years with the Engineers, returning after his discharge in January of 1946 to Levack, where he is a loader operator.

He was married on June 26, 1938, to Miss Jean Sauve of Sudbury, and Bob is their only child.

And so the Suggestion Plan has handsomely rewarded still another Inco employee for a little extra thinking about his job.

NOT IN AN OLD FASHIONED DICTIONARY . .

We've heard of people who have tried to read the dictionary through, but we feel sure more would be tempted to tackle the job if the definitions were more like the ones we picked up:

- Average Man—One who thinks he isn't.
- Free Thinker—A widower or a bachelor.
- Sim—An old-fashioned word that is now called experience.
- Actor—A man who tries to be everything but himself.
- Creditor—A man who has a better memory than a debtor.
- Bridge—A card game in which a good deal depends on a good deal.
- Mason-Dixon Line—The division between "yo' all" and "youse guys."
- Budget—A method of worrying before you spend instead of afterward.
- Civilization—A process of creating more needs than means to supply.
- Chiropractor—A man who gets paid for doing what other guys get slapped for.
- Back-Slapper—A person who hopes he can make you cough up something.
- Ignorance—When you don't know something and somebody finds it out.
- Chivalry—A man's inclination to defend a woman against every man but himself.
- Shoulder Strap—A narrow piece of ribbon that keeps an attraction from becoming a sensation.

92 New Members Enrolled in "Class of 1948"



They Were the Largest Group Ever to Qualify in One Year

400 Attend Banquet at Inco Employees Club



[Pictures on Page 4]

Occupying the head tables at the huge dinner meeting of the Inco Quarter Century Club on December 10 were the "Class of 1948". Clockwise, from left to right, the following are seen in the layout on the opposite page.

1. P. Akkanen, A. Antonioni, E. Barbe, H. Boire, M. Boni, P. Bowers, J. Bowers, J. Bowers, A. Boyd, W. Bray, W. Buchan, W. Burns, J. Butler, P. Charlsley, O. Chevrier, W. Chisholm, M. Citko, A. R. Clarke.

2. G. Harry, R. Jack, J. P. Jennings, L. Jennings, J. Johnston, O. Lalonde, N. Langevin, W. H. Latanville, E. Levesque, J. Lineham, N. McDonald, A. Menard, P. Moizuk, F. J. Morrow, E. Moosey, P. Muraska. (Missing from photo, F. Matt, Y. Maki)

3. J. R. Clark, R. Clark, G. Connors, C. Conte, N. Coopman, P. Davis, G. Didone, A. DiFilippo, B. Drill, W. Evershed, U. Farenzena, H. Farrell, W. Fex, L. Gauthier, J. T. Gennings, G. Hamilton, T. Harkins Jr.

4. J. Solaki, M. E. Somers, F. Spencer, R. Stephenson, D. Stickles, A. Switch, L. Switch, A. Tincombe, J. Treasure, T. B. Tunney, I. Uusitalo, E. Valade, W. C. Walker, J. D. Williams, A.

Yureczko, S. Zahorowski, E. Zanatta. (Missing from photo, E. Wright).

5. A. Nelson, O. Obumsawin, J. O'Neill, D. O'Reilly, O. Paradis, C. Parker, I. Pilon Jr., W. Puro, J. A. Ressel, W. Rogers, S. Rose, A. Roy, A. Sabourin, A. Salo, O. Salo, D. Silvestri, D. Small.

6. At the speakers' table: H. J. Mutz, general supt. of mines; Miss Agnes Colquhoun, Q. C. Club member, Coniston; E. C. Lambert, works auditor; Miss Rosemary Owens, Q. C. Club member, Copper Cliff; R. H. Waddington, new Q. C. Club member, general supt. of refineries; Miss Ivy Reynolds, Q. C. Club member and former head nurse, Copper Cliff Hospital, a pensioner; W. T. Waterbury, Q. C. Club member, assistant to the vice president; John W. Garrow, Q. C. Club member, a pensioner; George Hartman, Q. C. Club member, a pensioner; J. R. Gordon, assistant vice president; John Gribble, Q. C. Club member, a pensioner; I. J. Simcox, general assistant to the vice president; R. L. Beattie, Q. C. Club member, vice president and general manager; W. Zinkle, Q. C. Club member, a pensioner; R. D. Parker, assistant vice president, general superintendent of mines and smelters; E. A. Collins, Q. C. Club member, a pensioner; F. Benard, manager, industrial relations.

Unable to attend the meeting were the following new members: J. Czornenki, H. A. Smith, E. Wilson.

Quarter Century Club's General Meeting Impressive Success

With more than 400 in attendance, the first general meeting of Inco's Quarter Century Club for the Mining & Smelting and Copper Refining Divisions, held December 10 at Inco Employees Club in Sudbury, was an impressive success.

The "Class of 1948", largest group ever to become eligible for membership in one year, received buttons from Vice-President R. L. Beattie and a rousing ovation from the big gathering. Of the 92 new members, 88 were present. A posthumous presentation will be made to the family of the late M. J. Farrell of Copper Cliff, who had qualified for mem-

bership at the time of his death last April.

Guests on the unique occasion were Inco pensioners of Sudbury District who had not completed 25 years' service at the time of their retirement.

Inco Justifies Confidence

Extending a warm welcome to the new members of the Club, Vice President Beattie agreed with them that a man feels he has a stake in a company which he has served for 25 years. The International Nickel Company of Canada was worthy of their confidence. By the courage and hard work of its pioneers it had survived a difficult and sometimes

even perilous infancy, and through the faithful service of such men as were now joining the Quarter Century Club, it had grown into a great and strong institution. Its operating methods were "the envy of the world", he said, and men had come from many countries to study them. It had provided wisely and well for the security and welfare of its employees. Except during the serious business recession of 1921-22, it had given steady employment. In this type of company, he felt, everyone present could be proud to have a part.

In congratulating the new members and expressing the Company's appreciation of their interest and service, he noted with satisfaction that the average age of Quarter Century Club members was growing younger.

E. A. Collins, who was largely instrumental in the original organization of the Quarter

(Continued on Page 6)



The Quarter Century Club

(Continued from Page 5)

Century Club, spoke briefly on behalf of the pensioners. They were grateful, he said, that provision had been made for their security in retirement, and they were proud to have watched the growth of the Company and to have had their share in its development.

A "Moment of Remembrance" was observed by the gathering in respect to Quarter Century Club members who have passed to their final reward.

Amusing Revelations

During his introduction of the "Class of 1948", I. J. Simcox revealed many amusing highlights in the careers of the new members, to the delight of the audience. He recalled, for instance, the time that Frank Matt of Copper Cliff became lost while out deer hunting, and when rescued by a search party organized by the veteran woodsman, George Hudson, was headed in the wrong direction. The next day two friends of Frank's appeared at his house armed with axes and offered to cut down the trees in the front yard because they didn't want to take a chance on his being lost again.

Another hunter who came in for a gentle ribbing was Jack Treasure of Creighton, who, it was said, once shot a pig in mistake for a deer, but, by the time he had finished paying the farmer for it, was quite certain it was deer meat.

Bob Jack of Garson, it was related, once complained to the master mechanic that there was a crack in his front door so large that his dog could get through it. While the master mechanic was sympathetic, he advised Bobby to get a bigger dog.

The huge auditorium of the Employees Club presented a striking appearance for the gala event. The long rows of banquet tables were artistically decorated in a Christmas motif, and at each place was a green and gold souvenir program containing the names of all the Quarter Century Club members.

Ladies Did Grand Job

The decorations, and the serving of a sumptuous turkey dinner with all the trimmings, were handled by the General W. A. of St. Andrew's United Church, Sudbury, under the convenorship of Mrs. Wallace Smith. The delicious food, and the smooth efficiency with which it was served hot to such a big gathering despite lack of large-scale catering facilities, won the ladies' admiration of all. R. D. Parker proposed an eloquent vote of thanks which brought enthusiastic applause.

With Eddie Saville at the piano, Ted Dash led the community singing and also cheerfully stooged for Mildred Morey, the Toronto radio and concert star, in one of her amusing numbers. Miss Morey was at her rousing best, and that's saying plenty. Al Harvey, another well-known Toronto artist, did a great job as master of ceremonies for the stage show. Popular performances were also given by Mrs. Antoinette Taus and her father, Louis Cassio; Albert Cholette, Tommy Stapleton, Mr. and Mrs. Grant Boland, Roddy Gravelle, and Helen and Jack Hymander, the talented dancing team. Accompaniments were played by Miss Sheila Crosbie and Bill Badgley. Musical background for the evening was furnished by Johnny Juryczak and his Inco Club Orchestra.

All in all, it was a great night.

"And So Say All Of Us"

Next morning Roy Barnes of Copper Cliff sat down and put in a letter to Vice President Beattie what must have been the thought of

Honor Memory of Ernie Rutter at Refinery Mechanical Dept. Banquet

At their annual banquet the members of the Copper Refinery Mechanical Dept. honored the memory of a former fellow-worker, Ernie Rutter, who died on November 1, one day after he had retired on disability pension.

Traditional presentation of a gold watch, which Ernie would have received to mark his retirement, was made instead to his son-in-law, Dave Sloan of Murray Mine, whose little son is to have the watch at Ernie's request. The top picture shows Dave Duncan of the Mechanical Dept. making the presentation. Seated are Maurice Keane, who was chairman of the banquet, and Russell Hewgill, supt. of the Copper Refinery.

Supt. Hewgill was one of the speakers, and

paid a warm tribute to the Mechanical Dept. for its top-flight co-operation and efficiency in coping with the plant emergency created by the breakdown of one of the transformers on the arc furnaces. Mechanical Supt. Al Welblund also spoke in appreciation of the fine work of his men.

An unusual feature of the entertainment was a broadcast from the hall of old-time dance music by Jimmy McLellan of the Refinery blacksmith shop and his Northern Lights Orchestra. Their lively program was aired by CHNO engineers. Second of the above pictures show Jimmie at the microphone with his violin, flanked by Les Ramsay and Ron Chamberlain. The orchestra's pianist is Mrs. Debros.

Five Sets of Brothers Among Those Honored



everybody there. He wrote:

"Dear Mr. Beattie:
"It was the unanimous opinion of my carload of persons, including Bill Yeo, Earl Stoddard, Jim Kidd and Bill Boyle, that the writer send a letter of thanks and appreciation for the grand party held last night, the occasion being the first general get-together of the Quarter Century Club.

"It would be impossible to thank you personally, or thank the committee which so efficiently handled all the details of such a huge undertaking. Many who in their hearts were most grateful but who cannot pen their thoughts hope you will accept their gratitude. We in our party do want to be among all those who were most appreciative of the Nickel Company's hospitality and their knowledge of satisfying the inner man."

Active Members

Following is a list of the active members of the Inco Quarter Century Club for the Mining and Smelting and Copper Refining Divisions, the asterisks denoting pensioners:

W. Acheson, *T. Amanteo, G. Antoniazzi, E. T. Austin, *G. Baby, *G. Baggio, W. T. Balmforth, *G. Barazzuol, L. Barbro, *E. Bargnesi, R. C. Barnes, H. W. Bassett, *G. Battistuzzi, R. L. Beattie, J. T. Behenna, P. Belanger, J. P. Bell, J. Bello, *H. L. Benoit, O. Bertrand, G. Biondi, T. J. Birney, G. Blackmore, *S. Blackwell, W. Blackwell, *L. Bodson, *C. Boyle, W. E. Boyle, *J. Bradley, *A. J. Bray, E. Bray, A. F. Brock, *J. Brodie,

Bowers Brothers Create a Record

Five sets of brothers had their turn in the spotlight during the presentation of Quarter Century Club buttons to the "Class of 1948" on December 10. Frank, John, and Julius Bowers became the first three brothers to enter the Quarter Century Club at the same time in Sudbury district. In No. 1, above, Frank Bowers is about to receive his button from Vice President Beattie; beside him are brothers John and Julius; all work in the converter building at Copper Cliff Smelter.

2. Jack and Lawrence Jennings, both of the reverb. department of Copper Cliff Smelter, were another "brother act" among the 91 new members.

3. Jack Clark, sifter foreman in the converter building at Copper Cliff Smelter, and Robert Clark, grinding boss at the Mill, were another pair of brothers receiving buttons from Vice President Beattie. Seen behind them is I. J. Simcox, secretary of the Quarter Century Club, who introduced the new members. Also in the "brother" category among the new class were August and Louis Switch, the latter having recently joined the ranks of the pensioners too; their brother Jack retired on pension two years ago after 36 years and 11 months of service.

4. A total of 92 years and nine months of credited service was rolled up by these three well-known Inco pensioners, the Heale brothers of Copper Cliff, who were called to the front at the big gathering to take a round of applause. Charlie Heale, on the left, had 33 years and 10 months of service, Tom, centre, had 27 years and one month, and Fred, right, had 31 years and 10 months. They retired in 1944, 1942, and 1948 respectively.

*A. Brooks, R. H. Brooks, J. W. Browne, C. Cormier, F. Cresswell, *J. M. Crossgrove, R. C. Brownlee, *A. Bryson, *R. Bryson, W. Bur-chell, *J. Burgess, *E. Burton, *J. H. Butler, T. Campbell, R. Canapini, *U. Cecchetto, G. Ceppetelli, C. C. Chapman, W. W. Chapman, *W. Chauk, *G. Chezzi, *T. Cirka, *H. K. Clark, K. S. Clarke, J. P. Clement, H. F. Cobbold, R. M. Coleman, *E. A. Collins, Agnes Dumencu, J. A. Duncan, K. Draka, *A. G. Dubery, F. Dubery, *D. (Continued on Page 14)



LITHUANIAN—MR. & MRS. R. CHESKOWSKAS AND DAUGHTER (GARSON MINE)



DUTCH—MR. & MRS. F. WIENS AND SONS (MURRAY MINE)



CROATIAN—MR. & MRS. I. ILJANIC AND SON (COPPER REFINERY)



UKRAINIAN—MR. & MRS. N. BORUCH AND DAUGHTERS (FROOD-STOBIE MINE)



SERBIAN—MR. & MRS. D. PRAVICA AND DAUGHTERS (OPEN PIT)



FINNISH—MR. & MRS. A. KOUKKI AND FAMILY (FROOD-STOBIE MINE)



BRITISH—MR. & MRS. RON MAC NEILL (LEVACK MINE)



FRENCH—MR. & MRS. R. BOUDIGNON AND FAMILY (PAYMASTER'S OFFICE, COPPER CLIFF)



HUNGARIAN—MR. & MRS. JOE SZENDREY AND FAMILY (CREIGHTON MINE)



BELGIAN—MR. & MRS. M. SCHUMACKER AND FAMILY (FROOD-STOBIE MINE)



NORWEGIAN—MR. & MRS. KIRK-HANSEN AND DAUGHTER (FROOD-STOBIE MINE)



DANISH—MR. & MRS. M. JENSEN AND FAMILY (LEVACK MINE)



ROUMANIAN—MR. & MRS. S. SVARCKOFT AND DAUGHTERS (COPPER CLIFF SMELTER)





YUGOSLAV — MR. & MRS. M. HRELJAC AND FAMILY (CREIGHTON MINE)



SWEDISH — MR. & MRS. BEN PETERSON AND FAMILY. (OPEN PIT)



MALTESE — MR. & MRS. EMMANUEL RUGGIER (PORT COLBORNE)



JAPANESE — MR. & MRS. S. NISHIKAWA AND FAMILY (COPPER CLIFF SMELTER)



SLOVAK — MR. & MRS. MIKE JACUBO AND FAMILY (OPEN PIT)



GERMAN — MR. & MRS. TONY HOLLER AND FAMILY. (OPEN PIT)

WADDA



ITALIAN — MR. & MRS. FRANK COLANGELO AND FAMILY (PORT COLBORNE)



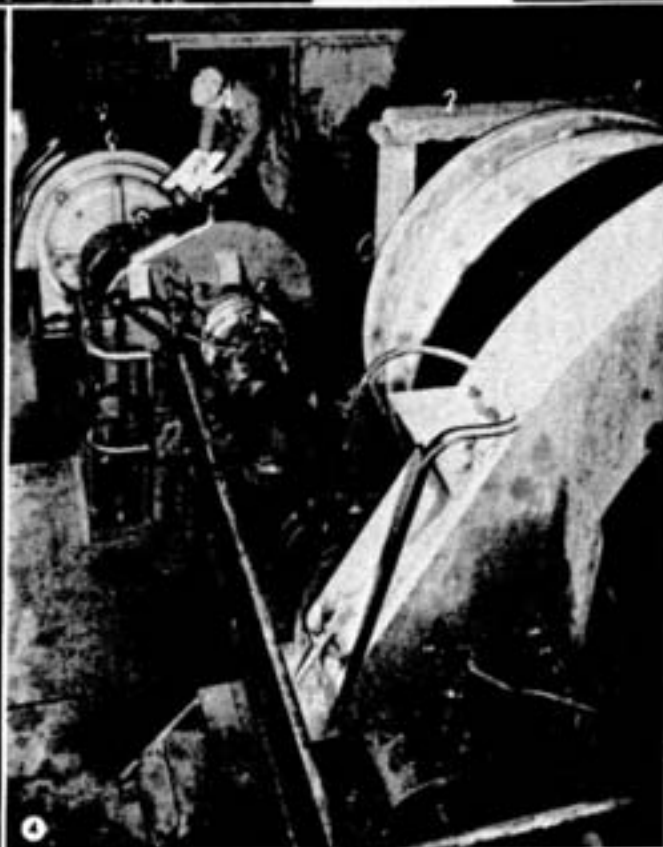
POLISH — MR. & MRS. J. BROMCZESKI AND FAMILY (CONISTON SMELTER)

FREEDOM WORSHIP
FREEDOM FROM WANT



BULGARIAN — MR. & MRS. S. EIMIEFF AND FAMILY (LEVACK MINE)





Inventory Staff Keeps Track Of 60,000 Pieces of Equipment

Along about this time of the year, when everybody else is up to the elbows in the joy of preparations for Christmas, the Inventory Staff are up to the ears in work. It's their job to make certain that nobody has mislaid a converter, or walked away with one of the reverberatory furnaces.

There are some 60,000 different pieces of equipment in the Mining & Smelting Division, and the Inventory Staff at Copper Cliff has to complete an annual check on each and every one. In this colossal counting of noses is included a tremendous variety of machinery ranging, for example, from a

9,000 h.p. motor in the substation to the tiny dope feed pump on a cutting tool, which has a capacity of 1½ gallons per minute.

Card Record of Everything

To keep track of everything the Inventory Staff maintains a card record for every building and every piece of equipment, showing the purchase order, invoice number, date of acquisition, charge account number, laid down cost, and description.

When new equipment is receiving, a numbered identification tag is rivetted to it, and at any time afterward the operating or maintenance departments may pop a question

about the item to the Inventory Staff and expect to get a full answer pronto. What's the ratio of this speed reducer? What's the capacity of that transformer? When did we buy this motor and what did it cost? There are about 25,000 pieces of tagged equipment in the Division.

When a new building is being constructed, the Inventory Staff keeps a running record of the materials used and their cost. Similar accounts are kept of development work in the mines. When a job is done the various items are written into the inventory and property ledgers.

Since the inventory requires annual revision as to the location of equipment, members of the staff have to visit the Company's plants to make a check. In this connection the efficiency departments and the electrical and mechanical departments assist them by turning in lists of hoists, drills, ore cars,



tracks, pipelines, tools, and a host of other items.

This year the inventory will have the New Look. In the past it was typed annually, and what a chore that was, requiring the services of a typist for the last three or four months of the year to complete the 1,000-odd pages. The 1948 inventory has been prepared for reproduction on the automatic electric printer which handles the paychecks and other big assignments for the Accounting Dept. So this year the inventory can be held open until the November costs are in, and then whacked out on the printer in about 16 hours' machine time.

THE PICTURES

In the first of the accompanying pictures Pete Bregman, chief of the Inventory Staff, scans the Smelter inventory to answer a question for Don McGrath, who works on the card records of all equipment.

2. Tony Smythe is producing the brass identification tags which are riveted to each piece of machinery before it is placed in use. Beside him is Bert Bond, entering new numbers in his tag index.

3. Jack Nixon rivets a tag on a new pump which will be installed in the cooling system of a converter crane cab.

4. Out in the Concentrator Bert Bond climbs up to check the tag on the speed reducer of one of the big grinding mills. A fellow gets around on a job like that.

5. Kathleen Kelly is punching a tabulating card for each item in the inventory.

6. While Betty Pilon watches, the punched tabulating cards feed into the marvellously efficient automatic printing machine. Its super-sensitive mechanism "reads" the punch-holes and then prints the information which it conveys to them.

7. Out the back of the automatic printer comes the printed inventory, to be checked by El Umpherson.

SHE COULDN'T MISS

The bookie slowly counted out the pound notes into the old lady's wrinkled hands.

"Lady," he said, "I just don't understand. However did you manage to pick the winner?"

The old lady patted her white locks in place. She looked a little bewildered.

"Really," she said, "I don't know. I just stuck a pin in the paper, and . . . well, there it is."

The bookie took a deep breath.

"That's all very well, lady," he cried. "But how on earth did you manage to pick four winners yesterday afternoon?"

"Oh," replied the old lady, "that was easy. You see, I used a fork."



Study Strategy In Underground Fire Procedure



In an atmosphere so suggestive of the real thing that you could almost smell smoke, a board of strategy directed the fighting of an underground fire at Murray Mine the other afternoon.

From the second that a driller from 1500 sub reported smoke to No. 2 Shaft topman, until the blaze was brought under control, not a step was missed in the mine fire-fighting procedure.

Ingeniously planned by the Safety Dept. along the lines of the First Aid contests, the demonstration culminated a special course of instruction for supervisors who would be charged with overall guiding of fire-fighting operations. The course dovetails with training given underground supervision, mine rescue crews, and the men in charge of such mine services as pumps, hoists, etc.

Garson Was Outstanding

Boards of fire-fighting strategy at all Inco mines have now received the special instruction and have been put through test similar to the one at Murray. In each case the theoretical emergency was handled swiftly and thoroughly, with Garson appearing to have a slight edge on the other mines in coping with its problem.

Over the mine phone to Dolph Flora, No. 2 Shaft topman at Murray, an excited voice said: "This is the driller from 1500 sub. There's smoke coming up 19.75 raise from 1500 level. My partner and I were going for powder and smelled the wood when we got near 19.75 raise. We didn't take time to find the fire but climbed up fast to 1350. The smoke is quite heavy in the raise but there's not much smoke on 1350 level except around the top of the raise. What will we do?"

That message galvanized into action the mine's fire-fighting organization. In headquarters set up in the lecture room, and using a telephone hook-up which represented the mine's regular telephone system, Acting Supt. Al Olive and his staff worked out their strategy to match the set of conditions tossed at them by the Safety Dept. On a wall map they kept track of the location of all personnel dispatched to fight the fire.

Typical of the steps they took was this





Fire-Fighting Lecture

He is seen here addressing a group at Creighton Mine: front row, Jim Devonshire, Frank McAteer, Earl Mumford, supt.; second row, Larry Tuddenham, Ralph Hawkins, Eino Tigert, Fred Pentney, Roy Serpell; back row, Art Silver, Norm Reid, Ted Goddard, Bert McCormick, Jack Browne, and Stan Dobson. Asterisk notes those who came from the Mines Dept. at Copper Cliff to hear the paper. T. W. Kierans of the Safety Dept. and Jim Rutherford, ventilation engineer, also addressed the classes.

In the special course of instruction recently completed at all Inco mines for supervision responsible for overall direction of fire-fighting, the final lecture was delivered by H. J. Mutz, general supt. of mines.

directive issued to Mine Foreman George Moretto: "Take 4 men under Chemox and 1 cagetender under Chemox. Go to 1350 level and make an exploration trip to the top of 19.75 raise from 1500 level. It's possible the smoke may be too dense to advance on 1350. If so go as far as you think safe and take readings of CO and oxygen supply, and make notes of such conditions as air direction, density of smoke. If you can get to raise top, turn water into top of raise. Return to surface in 45 minutes. Allow 15 minutes' travel in and 20 minutes' travel back. This gives you 10 minutes at objective. Hold cage at 1350 level station. Men are not to separate under any circumstances."

Nerve-Centre of Operations

First of the accompanying pictures shows a huddle as plans were developed for battling the make-believe fire. Standing are Norman Creet, Murray safety engineer; R. H. Keast, asst. general supt. of mines; Al Olive, acting supt. of Murray Mine; seated are Bob Burford, mine engineer, and Gordon Armstrong, stope and development engineer.

In the second picture Dolph Flora, topman, receives a report that two men in 21.54 diamond drill drift have smelt the warning stench of ethyl mercaptan which was injected into the mine's airlines. Standing are Walter Dydik, asst. layout engineer, checking the time of the report; Bert Beach, chief electrician; Mac McLeod, mechanical foreman.

In the third picture are four observers, two of them visitors from Consolidated Mining & Smelting Co., Trail, B.C., who showed keen interest in the demonstration: John Biker, chief safety engineer for Consolidated; Clarence Myrene, safety engineer at Consolidated's famous Sullivan Mine; Don Cooper, district inspector, Dept. of Mines; George McPhail, supt., District Mine Rescue Station.

Another action shot is seen in No. 4 as Greg Scully, First Aid man, calls out the members of the Mine Rescue Team.

The clear and cool thinking of the Murray personnel "under fire", like that displayed in the tests at all the Inco mines, was impressive.

CLOSE ENOUGH

"Did you see the stock that brought me, Daddy?"

"Well, son, I saw his bill."

CHRISTMAS CUSTOMS

Christmas cards and greetings seem to be almost exclusively Anglo-Saxon, having been started in 1845 by one of Queen Victoria's favorite printers. Probably the custom having strongest appeal is that of the Mistletoe, sacred plant of the Druids. Kissing under the Mistletoe began when Frigga, Scandinavian Goddess of Love and Beauty, bestowed a kiss on anyone passing beneath the sacred plant, as a token of her gratitude at the return of a lost son.

The turbines generating electric power in this country represent only one-fifth of the estimated potential.

BURNING THE YULE LOG

There is an old custom which has come down to us from medieval days in England which we might well amplify in these troubled times. At the beginning of the Christmas feast, the great Yule log is burned on the hearth. Around it this fine toast is proposed which we now propose to you: "This Yule Log burns. It destroys old hatreds and misunderstandings. Let your envies vanish, and let the Spirit of Good Fellowship reign supreme for this season and through all the year."

Ottawa's tax free Family Allowance payments total about \$270,000,000 every year.



Nick's Greeting

Stores are packed with eager gift-hunters these days as the annual Yuletide shopping spree comes to an end. When the Triangle camera photographed a typical scene in Kresge's, Sudbury, the other day, who should be standing smack in the middle, looking right at the lens, but Nick Scinto of the yard gang at the Copper Refinery. "Tell everybody Merry Christmas for me," said Nick. "Put it in the paper." So here's a hearty greeting from Nick to all his pals at the Copper Refinery, and to the whole world, for that matter.



Sendoff for Gene Reed

A rousing farewell party for popular Gene Reed, who has gone to Bessemer, Alabama, as equipment engineer for Tennessee Coal and Iron Co., Inc., was held at the Colonial Club by some of the men with whom he had worked during his 29 years with the Company. At the time of his resignation he was assistant supt. of Frood-Stobie mine, having been transferred there from a similar post at the Open Pit. Presenting him with a Gladstone bag on behalf of the group, Ted Dash spoke of the high regard in which Gene is held. Pictured above are: front row, Carl Nesbitt, Horace Boucher, Bob Mitchell, Charlie Moreau, Albert Rilling, Dave Lennie, Archie Massey, E. D. Wilkins, Bill Cushing, Ted Dash, Lloyd Thompson, and Jock Stalker; centre row, Willie Frappier, Gordie Bolvin, Lloyd Morden, Jack Cullen, George Deschene, Frank Learned, Gene Reed, Sid Sheehan, Foster Todd, Norman Anderson, Mel Young, Lauri Fyoll, Frank Dixon, Bill Vannanen, George Green, Bill Snaith; back row, Rob Lockhart, Norm Wadge, Maurice Cayen, Clare McAfee, Norm Creet, Hilton Labrick, Ray Beech, Hughie Fridmore, Joe Donegan.

The Quarter Century Club

(Continued from Page 7)

*J. A. Edgecumbe, R. A. Elliott, E. A. Ethier, F. Faddick, G. Fantin, *Dr. H. W. Feldhans, *A. Fera, C. D. Ferguson, G. M. Ferguson, D. Finlayson, M. Fior, T. B. Flynn, A. Foisey, D. Forestell, C. J. Fortier, *F. Franchetto, T. A. Fraser, *E. Frattini, J. Frost, J. W. Gallagher, *J. W. Garrow, O. Gatten, W. J. Gegar, G. L. Geoffrey, *P. A. Germa, W. E. Gillespie, G. Gobbo, *A. Godfrey, A. Godfrey, A. Grande, *J. Gribble, *A. G. Guthrie, A. Halverson, L. E. Hamilton, *T. Harkins (Sr.), Dr. R. B. Harris, *F. P. Harry, *G. Hartman, *C. H. Heale, *F. W. Heale, *T. Heale, P. Hickey, *W. H. Hickey, G. F. Hildebrandt, *G. Hillyard, W. Hodgins, M. Horek, J. Hradowy, P. Hrycay, *G. Hudson, J. Hudson, A. T. Hughes, *R. Humphreys, *A. Husson, *D. Hutchinson, H. Hyland, N. Ircha.

*J. Jackson, *W. J. Jessup, *M. Johnson, *P. Johnson, W. Johnson, T. Kauppinen, R. H. Keast, *D. Kelly, *L. Kennedy, J. Kidd, F. Killmnik, E. Kiviahio, *E. Knight, B. Krasnozomyk, G. Kuryk, *N. LaFrance, E. Lalonde, F. Lalonde, E. C. Lambert, *J. H. Langdon, E. Lauzon, *J. M. Lawson, E. J. Leclair, M. Leclair, O. Leclair, *G. J. Lee, *M. T. Lee, A. Lehtonen, R. Lemieux, C. Leonarduzzi, *H. Levesque, L. Lewis, *T. Linton, C. Lively, E. Lungarini, A. Lye, C. Lyons, *W. A. MacDonnell, *D. J. MacKinnon, *F. Mae, J. Maki, P. Marcon, L. Marois, *P. W. Martell, J. Martin, R. L. Martin, A. Mash, E. Mason, N. Matson, *A. McAllister, A. McIntyre, S. McKenzie, E. A. McKerrol, J. E. McKerrow, *J. McMullen, E. J. McNamara, J. T. McNeil, A. Mel, E. J. Miles, E. Minardi, C. Montesi, *A. H. Montgomery, *T. Montgomery, R. Morehead, R. C. Mornan, H. Moore, F. Morelli, G. Moroso, *N. Morrison, *A. J. Mossey, T. J. Mulligan, *J. Mumford, *J. Myher, E. Myhall, A. Nesbitt.

*J. C. Nicholls, *J. F. Nicholls, *J. E. O'Donnell, D. Onucki, E. Ouellette, Rosemary E. Owens, M. Paganucci, J. Paquette, F. Parker, *W. Parker, R. Pascoe, A. Perilini, P. Petryna, C. C. Phillips, *H. T. Phillips, *H. P. Pigott, H. Pilon, *I. Pilon (Sr.), *E. J. Pitman, *F. Pitura, E. Poirier, P. Posamek, J. Powlesland, A. Prenol, T. D. Price, *J. M. Regan, *H. M. Ringer, O. Rintala, *J. Ristimaki, *H. Rivard, *W. Rivers, *J. F. Robertson, F. Rogers, *G. Ross, *C. Roussel, *T. H. Rowe, *W. C. Rule, G. Rupoli, *A. Saari, C. Saari, *G. Sanchioni, *N. Serafini, W. Shalatyński, *L. M. Sheridan, *H. W. Shrigley, J. Shrigley, A. J. Simmons, *P. Simms, O. W. Simpson, *H. C. Sinclair, *M. Sirka, S. C. Smith, S. G. Smith, W. Sochoski, *J. Solski, J. Soroka, W. H. Soule, *W. L. Spencer, W. Squires, F. Stedman, H. M. Stephenson, E. A. Stoddart, J. B. Stone, J. Storozuk, *J. J. Switch.

T. Tancredi, *A. J. Teifer, L. J. Thomas, R. M. Thomas, J. Thomson, A. Toivala, *O. Toivonen, V. Toniolo, H. Toombs, *W. Trezise, H. Trotter, *W. Tuominen, *T. Tuori, A. Uguccione, *T. Unguran, E. Valiquette, G. Visentin, W. N. Wainman, M. L. Walker, W. T. Waterbury, *S. Webster, E. R. Went, *J. K. Wilson, W. Wilson, F. E. Wolfe, J. C. V. Wulff, T. A. Wulff, A. Yandon, *S. Yawney, W. F. Yeo, P. Zanatta, G. E. Zinkie, *W. Zinkie.

Deceased Members

Members of the Quarter Century Club who have died are listed below, the asterisks denoting those who were pensioners:

*C. G. Ade, J. L. Agnew, V. Aillard, *J. Badesky, A. Bartlett, *A. Bealer, *W. Bennett, *J. E. Bernier, A. Bertulli, *A. Bowers, *S. H. Bryant, *A. E. Burford, *T. S. Camidge, Dr. W. C. Campbell, *J. Clement, *A. M. Colquhoun, *T. Comerford, *T. Deacon, A. H. Death, *R. F. Dopson, *L. Durette, F. J. Eager, *W. J. Elliott, M. J. Farrell, *W. Fennila, *P. Fiorotto, *E. B. Geoffrey, J. Graham, *J. Grigg, T. Hall, *W. J. Hambley, *J. Hazleden, *J. C. Henry, *J. Hill, *M. Hill, *F. Johnson, C. M. Johnston, *P. Klemp, *F. Lapierre, *D. MacAskill, *J. Mahon, *J.

Maki, I. Marcon, *W. J. Martin, *Dr. W. A. McCauley, *D. McDonald, *P. F. McDonald, *W. McFeetors, *W. C. McKerrow, B. Millen, E. Morelli, *H. W. Mullett, D. O'Brien, *R. A. O'Connor, *J. Pakkala, *A. Pivato, *A. Pollock, A. A. S. Prentice, N. Radomski, *E. Rainville, R. Reedy, *R. Richardson, R. Ronchini, *J. Schofield, H. Severin, *O. Signoretti, E. Silvestri, *G. A. Sprecher, R. Steven, *J. F. Stevenson, *T. Stoddart, *A. Suckow, *F. Taylor, *R. Thomas, *W. P. Walker, *M. E. Walsh, *A. H. Walmsley, *W. J. Warwick, J. K. Workman, O. Yarvi, J. Yrjala, *F. Zinkie.

Lots of Entries in N.B. Minor Hockey

Anticipating an early start sometime between Christmas and the new year — depending on the availability of ice on the outdoor rinks — the Nickel Belt Minor Hockey League is certain of having a total of 26 teams in action in four different divisions when the curtain lifts on the 1948-49 season.

In the two junior series — minor bantam and bantam — each team will play six games while in the midget and juvenile ranks it is planned to have eight-game schedules.

Teams definitely in the race to date are as follows:

Minor bantam — Holy Trinity, Garson (2), Gatchell (2), Falconbridge, Copper Cliff.

Bantam — Creighton, Holy Trinity, Garson, Gatchell, Falconbridge, Copper Cliff.

Midget — Creighton, Holy Trinity, Garson, Gatchell, Eyre, Falconbridge, Copper Cliff, Coniston, Minnow Lake.

Juvenile — Holy Trinity, Garson, Coniston, Minnow Lake.

There is also a possibility of one more entry from Copper Cliff in the minor bantam series which would increase this circuit to an eight-team loop.



Sudbury Almost Changed Name One Day in 1891

If certain citizens of Sudbury, carried away by their gratitude and enthusiasm on a memorable day in June, 1891, had not been stayed by the modesty of the man to whom they were doing honor, the name of the "nickel capital of the world" today would be Ritchie, not Sudbury.

Samuel J. Ritchie, the promoter who organized the Canadian Copper Company in the hope of developing business for his Central Ontario Railway when his Coe Hill iron ore deposits failed to live up to expectations, wrote as follows to his family from Toronto on June 16, 1891:

"Sunday night I went down to Copper Cliff and stayed overnight. When I returned to Sudbury yesterday afternoon nearly the whole town was gathered at the hotel with a brass band, and the Reeve came at me with an address which I enclose.

"The band, and the whole company, followed me to the depot and remained until the train left. The crowd even insisted on having the name of the place changed from 'Sudbury' to 'Ritchie'. I told them I had not the least vanity in the world to gratify in that way, and would not think of consenting to it."

Manuscript Is Preserved

Stephen Fournier was the reeve who led the citizens in that demonstration of appreciation to Ritchie. Written in a fine Spencerian hand, the address which he read to the guest of honor has been preserved, and its contents are as follows:

"S. J. Ritchie, Esq.

"Sir: In the name of the citizens of Sudbury I take the opportunity of your presence amongst us to present you with this humble address.

"We feel, sir, that to your perspicacity, energy, and perseverance in developing the Mining Industry, of which you are the pioneer in this District, Sudbury owes to you what it is today. When you first came here there were only a few buildings and a very small population. Now we have a comparatively prosperous village with a population verging on Two Thousand.

"We sincerely ask you to receive our

Tribute to Ritchie

The scene in front of the White House hotel, Sudbury, on June 15, 1891, where Reeve Stephen Fournier read an address of appreciation to S. J. Ritchie, organizer of the Canadian Copper Company. Citizens offered to change the name of the town to "Ritchie" in his honor, but he declined. The White House stood on the site of the Nickel Range Hotel. Sudbury then had a population of 2,000.

grateful thanks for the great works you have executed, and promoted, around Sudbury, and especially for your untiring efforts to have the Central Ontario Railway extended to this District.

"Hoping that God will be pleased to crown with success your great and noble enterprise, to which you are devoting all your talents and the most precious years of your life.

"We pray to Him to grant you many long years of strength and health to see the realization of your Central Ontario project of building the Railway through to Sudbury.

"Then as now we trust to have the extreme pleasure of meeting you, and of offering you our hearty congratulations for the prosperity you will have been the means of bringing to Sudbury, of which you may very properly be called the Father.

"Wishing you God speed and success,

"Stephen Fournier

"Reeve,

"In behalf of the Citizens of Sudbury."

"Sudbury, Ontario,
June 15th, 1891."

Expect 152 Teams To Enter Annual First Aid Tests

A medal and a \$50,000 cash prize will be awarded by Inco to each member of the winning team in the annual contest for the inter-plant First Aid championship and the R. D. Parker Shield. The victorious team in the eliminations at each plant will receive crested sweaters, and the lineups winning the Finlayson and Mutz Shields in the semi-final events will also be given prizes.

Elimination contests commence February 1, and the final event will be staged in the Employees' Club, Sudbury, on March 31.

Changes in the rules this year provide that no person with less than six months' service with the Company may be included in a team, and no team may include more than two men who were together on the

team in the previous year. The spare man of each team competing for the Finlayson, Mutz, and Parker trophies, it has also been ruled, will be required to sit for an oral examination and his score will be included in the total team points.

The Safety Dept. has estimated that 152 teams will take part in the 1949 competitions, as follows: Creighton, 20; Froot-Stobie, 30; Open Pit, 8; Garson, 15; Levack, 10; Murray, 6; Copper Cliff Plant, 45; Coniston, 6; Copper Refinery, 12. Each team will be comprised of six men, including a coach.

The Front Cover

Freddie, 3, and Dale, 5, were sound asleep when we took their picture about a month ago for our Christmas cover, and as we go to press they still don't know about it. We'd like to watch the expressions on their faces when they see their photo and wonder how we found out about the great dream they were having.

They are the bonnie kiddies of Mr. and Mrs. Ron Silver, Copper Cliff, and, as you must immediately surmise, their mother is a fine-looking woman.

We hope Freddie and Dale never lose their dream, no matter how old they get to be nor how hard some people in the world try to mock and crush it.

THE CHRISTMAS BELLS

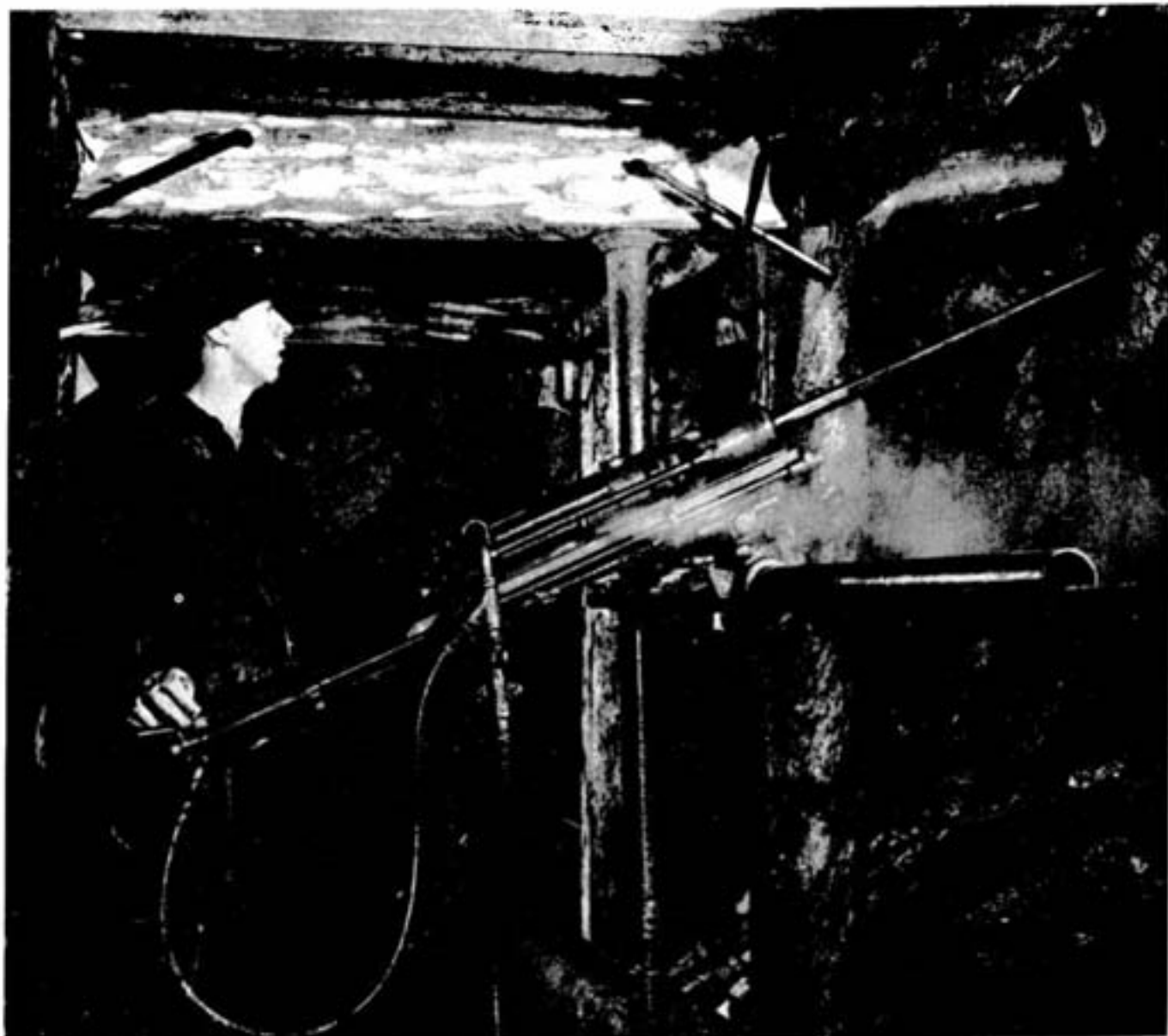
At midnight, tolling of the bells changes to a joyous peal as the birth of the Christ Child is announced. Italian St. Francis of Assisi, who founded the Poor Brothers of Assisi, is credited with being the father of carol singing.

BEST SHE COULD DO

"Pardon me," he said to the old lady who answered his knock, "do you by any chance possess any lubricating oil?"

The old lady shook her head. "Any oil will do," said the motorist, hopefully. "Castor oil, if you have any."

"I ain't got it," said the old lady, "but I could fix you up with a dose of salts."



**A Typical Drilling Scene,
Frood - Stobie Mine**